



Health Level Seven® International

Unlocking the Power of Health Information

28TH ANNUAL PLENARY & WORKING GROUP MEETING

Hilton Chicago
Chicago, IL
September 14–19, 2014

REGISTER TODAY!

Early Bird & Hotel Registration Cutoff—August 25, 2014

Online Registration Cutoff—September 2, 2014



NEW INITIATIVES

Look inside for this icon to discover the latest initiatives from HL7 International, such as:

- Meaningful Use Tutorials
- FHIR®
- Consolidated CDA®
- Clinical Quality
- Mobile Health Activities
- HL7 Payer Summit
- Conformance Testing
- Biomedical Research Integrated Domain Group (BRIDG)



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LODGING ROOM KEYS



A E G I S

ON-SITE MEETING SCHEDULE
& HOTEL GUIDE



FHIR CONNECTATHON SATURDAY AM BREAK



FHIR CONNECTATHON SUNDAY AM BREAK



MONDAY PM COOKIE BREAK



WEDNESDAY PM COOKIE BREAK



FACILITATOR'S ROUNDTABLE DINNER/MEETING (THURSDAY)



LETTER FROM THE CHAIR

Folks,

It is a great honor and privilege for me to begin my term as the new chair of HL7. This is my second opportunity to serve as the chair, but a lot has changed since 2000-2001! I am running as fast as I can to catch up. I very much appreciate your support, and thank you for electing me. However, don't be too nice. Please feel free to let me know if you think I am making mistakes, or if there are issues that you think need to be addressed.



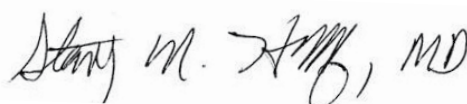
I would like to mention a few things that I hope to emphasize during my term in office. I am excited about the continuing success of the Clinical Document Architecture (CDA®). It enjoys worldwide adoption, is the backbone of meaningful use, and is integral to many kinds of health information exchange. The creators of CDA should be very proud of what they have accomplished. We need to continue to improve and enhance CDA to meet current and future needs. I expect CDA to last at least as long as the HL7 Version 2.x standards have, so we need to continue to invest in CDA, and make it even easier to understand and implement.

I am also excited about Fast Healthcare Interoperability Resources (FHIR®). I don't think I can remember any HL7 standard that has created this much public excitement. People were doing prototype implementations of FHIR even before it passed DSTU ballot. I like how easy it is to find information about FHIR online, and the clarity of the descriptions, documentation, and examples. I am sure we will continue to learn as we get more experience implementing systems, but FHIR is off to a great start.

I want to focus some attention on the further internationalization of HL7. HL7 has been criticized for not being "truly" international. I don't want to find fault with our current situation, but I do think we can do better. The issues are complex, so it may not be possible to find a perfect solution immediately, but I think we can find some good and innovative solutions to current challenges. Plus, I am really looking forward to going to Paris next year!

I would also like to focus on collaborations with other organizations. There are great opportunities to work jointly with IHTSDO, OMG, CEN 251, ISO 215, NCPDP, X12, DICOM, IEEE, and many others. I hope we can work on many different projects with these organizations.

Finally, HL7 has a reputation for being a place for the passionate and civil (usually) exchange of ideas. I would like to enhance that reputation and encourage new people with bright ideas to make HL7 their home. I don't want to protect the standards we have by excluding folks with disruptive ideas that will be the basis for the next generation of even better standards.



Stanley M. Huff, MD

Chair, Health Level Seven International Board of Directors
2014—2015

Saturday, September 13

- 9:00 – 5:00pm TSC Meeting
- ★ 9:00 – 5:00pm FHIR® Connectathon

Sunday, September 14

- 8:30 – 5:00pm REGISTRATION
- ★ 9:00 – 12:30pm FHIR Connectathon
- 9:00 – 3:00pm HL7 International Council Meeting
- 9:00 – 5:00pm Architectural Review Board (ArB)
- ★ 12:30 – 1:30pm FHIR Management Group, FHIR Governance Board Luncheon/Meeting
- 1:45 – 3:00pm Modeling & Methodology (MnM)
- 1:45 – 5:00pm Application Implementation and Design (AID)
- 3:30 – 5:00pm International Mentoring Committee (IMC)
- ★ 3:30 – 5:00pm **Developing FHIR Profiles - HL7 Co-Chairs & Facilitators ONLY (FREE TUTORIAL)**
- 4:00 – 5:00pm **First-Time Attendees' Orientation – FREE TUTORIAL**
- 5:00 – 6:00pm **HL7 Tutorial Development Workshop – FREE TUTORIAL**
- 5:00 – 6:00pm **Organization and Process Orientation/Introduction – FREE TUTORIAL**
- 5:15 – 6:30pm TSC Meeting

Monday, September 15

- 7:00 – 8:00am **First-Time Attendees' Orientation – FREE TUTORIAL**
- ★ 7:00 – 8:00am FHIR Governance Board
- 7:00 – 5:00pm REGISTRATION
- 7:30 – 8:30am Continental Breakfast
- 8:30 – 12:30pm Plenary Meeting
- 10:00 – 10:30am Morning Break
- 12:30 – 1:30pm Education Facilitators' Roundtable Luncheon/Meeting
- ★ 12:30 – 1:30pm FHIR Management Group
- 12:30 – 1:30pm Lunch – First-Time Attendees' Q&A reserved tables
- 12:30 – 1:30pm Lunch – Co-Chair reserved tables
- 1:45 – 5:00pm Working Group Meetings
- ★ 1:45 – 5:00pm FHIR/SOA Implementation Case Study Forum
- ★ 1:45 – 5:00pm **Standards for Interoperability**
- ★ 1:45 – 5:00pm **Introduction to HL7 FHIR**
- ★ 1:45 – 5:00pm **Introduction to Health Quality Measure Format**
- 3:00 – 3:30pm Afternoon Break
- 5:15 – 7:00pm Co-Chairs Dinner/Meeting (**Must register**)
- 7:00 – 8:30pm Domain Experts Steering Division
- 7:00 – 8:30pm Foundation & Technology Steering Division
- 7:00 – 8:30pm Structure & Semantic Design Steering Division
- 7:00 – 8:30pm Technical & Support Services Steering Division

Tuesday, September 16

- 7:00 – 8:00am **Glossary Management-Defining & Managing the Terms Used by Healthcare SDOs – FREE TUTORIAL**
- 7:00 – 8:00am Nurses Breakfast/Meeting
- 7:00 – 5:00pm REGISTRATION
- 7:30 – 8:30am Continental Breakfast
- 8:00 – 8:45am General Session – HL7 CEO, CTO, International Council and TSC Reports, Announcements
- 9:00 – 10:30am HL7 Conformance Testing Program
- ★ 9:00 – 12:30pm **Introduction to Version 2, Part 1: Control/Patient Administration**
- 9:00 – 12:30pm **Introduction to Version 3, Part 1: Foundations**
- ★ 9:00 – 12:30pm **FHIR for Architects**
- 9:00 – 5:00pm Working Group Meetings
- 10:30 – 11:00am Morning Break
- 12:30 – 1:30pm Lunch – First-Time Attendees' Q&A reserved tables
- 12:30 – 1:30pm Lunch – Co-Chair reserved tables
- 12:30 – 1:30pm Lunch – Board of Directors/Affiliates
- 1:45 – 5:00pm Board of Directors' Meeting

1:45 – 5:00pm

1:45 – 5:00pm

★ 1:45 – 5:00pm

3:00 – 3:30pm

★ 3:30 – 5:00pm

Wednesday, September 17

- 7:00 – 8:00am GS1 – Education Session: Tracking and Tracing Vaccines and Immunization – the GS1 components of that project
- 7:00 – 8:00am **How to Design & Deliver an HL7 Tutorial – FREE TUTORIAL**
- 7:00 – 8:00am Physicians Breakfast/Meeting
- 7:30 – 8:30am Continental Breakfast
- 7:30 – 5:00pm REGISTRATION
- 8:00 – 8:45am General Session – HL7 Annual Business Meeting, Awards Presentations, Announcements
- 9:00 – 12:30pm **Version 2 Message Profiles and Conformance**
- ★ 9:00 – 12:30pm **Introduction to Clinical Document Architecture**
- 9:00 – 12:30pm **Introduction to FHIR Development**
- 9:00 – 5:00pm Working Group Meetings
- 10:30 – 11:00am Morning Break
- 12:30 – 1:30pm TSC Luncheon/Meeting
- ★ 1:45 – 5:00pm FHIR/SOA Implementation Case Study Forum
- 1:45 – 5:00pm **Clinical Document Architecture – Advanced**
- ★ 1:45 – 5:00pm **Vocabulary in HL7 – Foundations (Vocabulary 2)**
- ★ 1:45 – 5:00pm **Meaningful Use Laboratory Implementation Guides**
- 3:00 – 3:30pm Afternoon Break
- 3:30 – 5:00pm Product Line Architecture Program
- 5:15 – 7:15pm Networking Reception

Thursday, September 18

- 7:00 – 7:45am **Newly Elected Co-Chair Training – FREE TUTORIAL**
- 7:00 – 7:45am Co-Chairs New WGM Room Request Application Training
- 7:30 – 8:30am Continental Breakfast
- 7:30 – 5:00pm REGISTRATION
- 8:00 – 8:45am General Session – Announcements
- 9:00 – 12:30pm **Version 2.7 Control Specialist Certification Test Preparation**
- 9:00 – 12:30pm **CDA Specialist Certification Test Preparation**
- ★ 9:00 – 12:30pm **Quality Reporting Document Architecture**
- ★ 9:00 – 5:00pm **HL7 Payer Summit**
- 9:00 – 5:00pm Working Group Meetings
- 10:30 – 11:00am Morning Break
- 12:30 – 5:00pm Affiliate Chair or Designated Rep Luncheon/Meeting (**Must register**)
- 1:00 – 1:30pm Co-Chairs New WGM Room Request Application Training
- 1:45 – 5:00pm **Authoring Value Set Content**
- ★ 1:45 – 5:00pm **HL7 Standards for Meaningful Use**
- ★ 1:45 – 5:00pm **Consolidated CDA®**
- 3:00 – 3:30pm Afternoon Break
- 5:30 – 6:15pm Co-Chairs New WGM Room Request Application Training
- 5:30 – 7:30pm **HL7 Version 2.7 Control Specialist Certification Test**
- 5:30 – 7:30pm **HL7 CDA Specialist Certification Test**
- 5:30 – 7:30pm **HL7 Version 3 RIM Certification Test**
- 5:30 – 8:00pm Facilitators' Roundtable Dinner/Meeting

Friday, September 19

- 8:00 – 8:45am No General Session
- 8:00 – 9:00am Continental Breakfast
- 8:00 – 1:00pm Staff on hand for questions and assistance
- ★ 9:00 – 10:30am FHIR Management Group, FHIR Governance Board
- ★ 9:00 – 12:15pm HL7 Payer Summit
- 9:00 – 3:00pm Working Group Meetings
- ★ 9:00 – 5:00pm FHIR Clinicians Connectathon
- 10:30 – 11:00am Morning Break
- 12:30 – 1:30pm Box Lunch

Note: Tutorials appear in bold

Note: In compliance with our status as an ANSI-accredited standards developing organization, HL7 meetings are open.

HL7's 28th Annual Plenary Meeting

September 15, 2014 / 8:30 am – 12:30 pm

Big Data, Analytics, Privacy and Ethics

8:30 – 8:35 am

Welcoming Comments



Stan Huff, MD
Chair, HL7 Board of Directors

8:35– 9:15 am

KEYNOTE SESSION 1:

Making Learning Healthcare a Standard(s) Activity

Routinely collected electronic health data can be the foundation of a Learning Health System, one that develops and disseminates evidence about the quality and cost of medical care, the safety of marketed medical products, the comparative effectiveness of preventive care and treatments for established disease, and that supports public health practice. The FDA's Sentinel Initiative and PCORnet, PCORI's National Patient Centered Research Network illustrate some early successes and challenges.



Richard Platt, MD, MsC
Chair of the Department of Population Medicine, Harvard Pilgrim Health Care Institute; Principal Investigator, PCORI (Patient-Centered Outcomes Research Institute), National Patient Centered Clinical Research Network

9:20 – 10:00 am

KEYNOTE SESSION 2:

Data Protection and Innovation – Can We Strike a Balance?

The healthcare delivery landscape is changing rapidly and significantly to cope with the dynamic change of society and this change is accelerated by the effects of the economic crisis affecting health and social care systems. Fostering a spirit of eHealth innovation for better health, better and safer care for citizens, more efficient and sustainable health and care systems and new business opportunities is the way forward. Still, the risk for innovation stumbling barriers of data protection and security imperatives remains high. A major challenge for governments and stakeholders is to strike the proper balance between benefits and protection for citizens and society. Legislators, regulators, data protection agencies, ethics committees, and innovators must find their common way forward.



Zoi Kolitsi, PhD
Chief eHealth Policy Advisor, Informatics and Information Security Laboratory, Aristotelean University of Thessaloniki, Greece

10:00– 10:30 am

Break

10:30 – 11:05 am

KEYNOTE SESSION 3:

JASON: A Man Wearing One Sandal?

Providers, standards organizations, HIT vendors and federal agencies are pursuing healthcare interoperability in order to realize the full value of health information technology. The recent JASON and PCAST reports challenge the course we have charted but most agree they are Pollyannaish. Still our progress toward interoperability has been slower than any of us would like so this talk will explore proposals to speed us forward on our quest.



Marc Overhage, MD, PhD
Chief Medical Informatics Officer,
Siemens Healthcare

11:10 – 11:45 am

KEYNOTE SESSION 4:

How Walgreens Leverages Information to Support Evolving Healthcare Models

Special Speaker from Walgreens

11:50 – 12:25 pm

KEYNOTE SESSION 5:

Interoperability is an Ethical Issue – and Failure to Achieve It is a Betrayal of Our Patients

Platitudes about patient-centered care and learning health systems are hollow and nugatory if we do not do a better job making health information technology serve the needs of patients and clinicians. Meeting this obligation will require better management of IT systems whose developers are bound by precepts of both business ethics and bioethics. These precepts are often in conflict. Key steps in the path forward will be to ensure that IT, data and communication standards support full and bona fide interoperability. History will regard anything less as a cruel trick on the patients for whom we all along said we were toiling.



Ken Goodman, PhD, FACMII
Chair of Biomedical Ethics, University
of Miami

12:25 – 12:30 pm

Closing Comments



Charles Jaffe, MD, PhD
CEO, Health Level Seven International

HL7 PAYER SUMMIT

Thursday – Friday, September 18-19, 2014

DAY ONE

9:00 – 9:45 am

What is HL7 and Why Payers Should Care

This session introduces payers to the HL7 organization, provides a high-level overview of the organization's operations, highlights the standards developed by HL7 and explains the uses and resulting benefits of using HL7 standards. This session will also highlight the value proposition for payer participation in the development and evolution of HL7 standards that are part of interoperability and improving healthcare delivery.

Speakers:

Charles Jaffe, MD, PhD, CEO, HL7 International
Pat Van Dyke, Delta Dental Plans Association

9:45 – 10:30 am

Industry Adoption and Use of HL7 Standards and Transactions

There are common HL7 standards being used by the provider community. This session explores how these standards can now be used as part clinical exchange initiatives to improve healthcare delivery and support Accountable Care Organizations' efforts to improve outcomes and reduce costs. These standards and transactions include ADT, OBR, OBX, ORU and CDA®-based standards around CCD® and Discharge Summary.

Invited Speakers:

Laura McIntire, RelayHealth
Dave Shaver, CorePoint Health
Keith Boone, GE Healthcare; HL7 Board of Directors

10:30 – 11:00 am **Break**

11:00 – 11:45 pm

ADT Case Study

Ambulatory care physicians are often unaware that their patients have been admitted or discharged until they show up in their offices. Also, Medicare has begun imposing payment penalties on hospitals that have excessive re-admissions. This session shows how payers use hospital admission-discharge-transfer (ADT) systems to send admission and discharge notices via HL7 ADT messages to help improve care

Coordination between providers and to minimize re-admission penalties.

Invited Speakers:

Fred Darnell, Alliance Manager, Availity
Frank Ingari, President and CEO, NaviNet

11:45 – 12:30 pm

HL7 Clinical Exchange, Quality and Population Health Challenges

A session that focuses specifically on key implementation areas that directly affect/relate to health plans, provider adoption & usage and their practical applicability—highlighting C-CDA, Version 2, Quality Reporting and Population Health.

Speakers:

Floyd Eisenberg, MD, Co-Chair, HL7 Clinical Quality Information Work Group
Austin Kreisler, Co-Chair, HL7 Structured Documents Work Group (invited)
Rick Geimer, Co-Chair, HL7 Structured Documents Work Group; Member, HL7 Orders and Observations Work Group (invited)
Bob Yench, President, TTY LLC

12:30 – 1:45 pm **Focus Group Lunch**

1:45 – 2:30 pm

Panel Session on Care Coordination, Patient Centered Medical Homes, and ACOs

This interactive session will cover common themes payers encounter as the demand for clinic data permeates the health insurance industry.

Speakers:

Virginia Riehl, Moderator
Sharon Haft, Managing Director, National Programs, Blue Cross and Blue Shield Association
Brian Ahier, Director of Standards & Government Affairs, Medcity
Fred Borho, Director, Provider Engagement, Certify Data Systems, Humana, Inc.

2:30 – 3:00 pm

Payer Challenges in the New Patient Centered World of Health Information Exchange

This payer led session will focus on identifying payer challenges in a variety of areas including information/data exchange problems, ACO issues, consent management and consumers' access to information.

Speakers:

Durwin Day, Supervisor, Health Care Service Corporation

Fred Darnell, Alliance Manager, Availity

Michael Toomey, Technical Solutions Manager, Medecision

3:00 – 3:30 pm

Break

3:30 – 5:00 pm

One Tree, Many Branches: Making Sense of Today's Growing Regulatory Environment

Regulation and legislation situated at the intersection of payer interests, standards and interoperability continues to expand. Keeping up can be challenging. This session will offer a helpful overview of some key regulatory issues of concern to payers including Affordable Care Act compliance, intelligence on Meaningful Use and what to expect next, the upcoming HIPAA attachments rule and a detailed discussion of pay for performance versus pay for service.

Speakers:

Ticia Gerber, Director of Global Partnerships and Policy, HL7 International

Jodi Daniel, JD, MPH, Director, Office of Policy and Planning, ONC (invited)

Lorraine Tunis Doo, Senior Policy Advisor, Office of E-Health Standards and Services Centers for Medicare & Medicaid Services (CMS) (invited)

Jon White, MD, Director, HIT Portfolio, AHRQ (invited)

Terrie L. Reed, Associate Director, Informatics, FDA (invited)

DAY TWO

9:00 – 10:30 am

The Mobile Revolution

"The mobile revolution is about to start." Providers and EHR vendors are now partnering to provide data to mobile devices to enable telemedicine. This session focuses on HL7's activities to develop new standards and maximize the use of existing industry standards as part of improving patient engagement and better healthcare outcomes.

Speakers:

Gora Datta, Co-Chair, HL7 Mobile Health Work Group, Moderator and Speaker

Kenneth Russo, Director - Enterprise Architecture, Independence Blue Cross

Myron Finseth, MSc, Lead Writer, eSubmissions and Information Architecture, Medtronics

10:30 – 11:00 am

Break

11:00 – 12:15 pm

Why All the Buzz About FHIR®

What is FHIR and why you should care? A new generation framework, FHIR can help speed implementation and use of HL7 standards. This session offers insights as to why the payor community should be involved in its early inception. FHIR connectathon attendees will share their experiences working with these new standards.

Speakers:

Lloyd McKenzie, Co-Chair, HL7 FHIR Management Group

Dr. David Hay, Product Strategist, Orion Health
FHIR Connectathon attendees

WHAT IS A WORKING GROUP MEETING?

HL7 International working group meetings (WGMs) are held three times per year at varying locations. These WGMs serve two important purposes:

- They give the HL7 International work groups a chance to meet face-to-face to work on the standards as well as the opportunity to network with industry leaders from around the world.
- They provide an invaluable educational resource for the healthcare IT community.

Standards Development

More than 40 HL7 work groups are dedicated to specialized areas of interest such as Mobile Health and Electronic Health Records. These work groups are directly responsible for the content of the standards and spend much of their time at the working group meetings hard at work on standards development. Attending a work group meeting can be a great way to keep up-to-date on what is happening in a particular

area, and everyone attending an HL7 working group meeting is invited to attend any of the work group meetings.

Please see pages 22-26 for a complete schedule of meeting times throughout the week.

Educational Sessions

Numerous educational opportunities will be offered at this WGM. Sessions will cover a full range of HL7-specific topics such as Version 2.x Implementation, Version 3, and the Clinical Document Architecture (CDA®), Fast Healthcare Interoperability Standards (FHIR®), among others. Educational sessions also include industry topics such as Meaningful Use in the US, Electronic Health Records, and Vocabulary Terminology. For a full listing of course descriptions, please see pages 9-18.

HL7 has organized its courses into six tracks to make it easier to choose the educational offerings that are right for you:

EDUCATION TRACKS

Track 1 – Version 2 Core

HL7 Version 2 is the world's most successful healthcare interoperability standard. Originally developed in the late 1980s, it has been continually enhanced over time. The introductory tutorials familiarize students with the Version 2 messaging standard and its core domain areas, while the implementation classes provide the “how to” basics of implementation. The track also includes courses that cover conformance and profiles and XML for Version 2.

Track 2 – Version 3 and CDA® Core

HL7 Version 3 is HL7's model-driven architecture allowing for better semantic interoperability and has been adopted by major healthcare organizations, such as the NHS in England. This track is designed to give the attendee a thorough introduction to the Version 3 family of standards. It covers Version 3 fundamentals, the Reference Information Model (RIM), messaging, documents (Clinical Document Architecture), messaging infrastructure (wrappers, transport), and the XML Implementation Technology Specification (ITS). It concludes with classes that address strategies for implementation.

Track 3 – Special Topics

The Special Topics track offers a variety of electives that describe important HL7 standards that may not fall into either the Version 2 or Version 3 family. These include HL7 standards for Electronic Health Records (EHR), Security and TermInfo. The Special Topics track also offers advanced or specialized classes in Version 2 or Version 3 subjects that are not considered part of the basic core offerings. Examples include classes in Version 2 and Version 3 tooling, and domain classes such as Clinical Genomics.

Track 4 – FHIR®

This track provides tutorials and other activities focused on HL7's new Fast Healthcare Interoperability Resources standard. It includes a mixture of tutorials, hands-on development at the Connectathon, and interactive presentations to bring implementers and decision makers up to speed and ready to use the standard in their own environments.

Track 5 – Meaningful Use

This track provides tutorials on the HL7 standards selected for Meaningful Use. It provides overviews of the selected standards, and strategies to assist implementers in conforming to the selected standards. Included in this track are tutorials on the HL7 Consolidated CDA Specification, Laboratory Reporting Interface, and Immunizations.

Track 6 – Information Forums *FREE*

This track provides tutorials designed to support new member involvement, and help existing members become more effective in their participation in the HL7 standards development process. Tutorials included in this track are first timers' orientation, introduction to HL7 organization and process, the HL7 development framework, and co-chair training.

These tracks are only suggested course groupings. Feel free to choose whatever courses you feel are right for you from among the six tracks.

TRACK 1—VERSION 2 CORE

T4 – Introduction to Version 2, Part 1:**Control/Patient Administration****Tuesday, September 16 / 9:00 am – 12:30 pm**

This tutorial introduces students to HL7 and the basic concepts of Version 2. It discusses the structure of the standard and covers two of the standard's fundamental chapters: Control and Patient Administration.

This Tutorial Will Benefit:

- Those new to HL7

Faculty:

Hans Buitendijk, FHL7: Director, HL7 International Board of Directors; Co-Chair, HL7 Clinical Statement Work Group; Co-Chair, HL7 Orders and Observations Work Group; HS Standards & Regulations Manager, Siemens Healthcare

T7 – Introduction to Version 2, Part 2:**Orders and Observations****Tuesday, September 16 / 1:45 pm – 5:00 pm**

This tutorial provides students with an overview of the Version 2 Orders and Observations messages and major concepts and provides a sampling of the type of information that can be communicated using these messages.

This Tutorial Will Benefit:

- Those new to HL7 with a need to become familiar with Version 2 messages

Upon Completion of This Tutorial, Students Will Know:

- Basic order and observation message structures
- Sample messages
- How to start to interpret the Version 2 orders and observation standards

Faculty:

Ted Klein, MS, FHL7: Co-Chair, HL7 Vocabulary Work Group; Klein Consulting Inc.

HL7 MEETINGS ARE GREEN

Bring your laptop to your tutorials!

To reduce HL7's carbon footprint, its meetings are largely paperless. HL7 no longer provides printed tutorial materials on-site. All materials will be distributed electronically to tutorial participants to either print out themselves or load to their laptops. It is important that you bring your laptop to this meeting for all tutorials. Free WiFi internet access will also be provided. Please note that the materials may be in a zip format. In the event that a tablet is the only accessible device, students should download the appropriate app prior to the course to insure their tablet can open zip files.

**W10 – Version 2 Message Profiles and Conformance****Wednesday, September 17 / 9:00 am – 12:30 pm**

This course is designed to explore the concept of conformance within HL7 Version 2 as described in Chapter 2 of Version 2.7. Additionally, this tutorial will demonstrate how to apply message profiling to interoperability by improving clarity, simplifying implementations and streamlining testing. Participants will be introduced to tools that facilitate analysis and interoperability while, at the same time, fully documenting HL7 conformance.

This Tutorial Will Benefit:

- Anyone interested in HL7 interoperability

Upon Completion of This Tutorial, Students Will Know:

- How to measure conformance using messaging profiling
- How vendors can document their applications' implementations
- How providers can improve their RFP results by using message profiling
- How to use message profiles developed for specific domains
- The tools available to facilitate HL7 Version 2.x conformance efforts (Messaging Workbench and the Global Profile Library)
- More about HL7 conformance certification
- How to develop HL7 conformance documentation for Version 2

Prerequisites:

- Working knowledge of HL7 or other EDI standards (ASTM, X12)

Faculty:

AbdulMalik Shakir, FHL7: Co-Chair, HL7 Modeling and Methodology Work Group; President and Chief Informatics Scientist, Hi3 Solutions

TH16 – Version 2.7 Control Specialist**Certification Test Preparation****Thursday, September 18 / 9:00 am – 12:30 pm**

This tutorial reviews the message definition and processing rules and data type definitions of the Control chapters of the HL7 Version 2.7 standard. Upon completion of this tutorial, students will be better prepared to take the HL7 Version 2.7 Control Specialist Certification Test.

Note: Students are also expected to prepare for the test by previous study of Chapter 2 (Control), Chapter 2A (Data Types), and Chapter 2B (Conformance) of the HL7 Version 2.7 standard.

This Tutorial Will Benefit:

- Anyone preparing for the HL7 Control Specialist Certification Test
- Interface analyst specialists and managers who need to understand the technical aspects of HL7 interfaces

Faculty:

Mike Henderson, FHL7: Director, Open Source Product Management, OSEHRA

TH22 – HL7 Version 2.7 Control Specialist Certification Test (Laptop Required)

Thursday, September 18 / 5:30 pm – 7:30 pm

Health Level Seven International is pleased to offer certification testing on HL7 Version 2.7, Chapter 2: Control. Certification testing is offered to those industry participants who are expected to have a working knowledge of the HL7 Messaging Standard. Interface analysts, healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates. The knowledge required to pass the test can be obtained by participation in the HL7 working group meetings, by attending HL7 education sessions, by field work dealing with HL7 interfaces, or simply by self-study of Chapter 2 and 2A of the HL7 Version 2.7 standard (the standard may be obtained via HL7 membership or non-member purchase on www.HL7.org).

Note: Simply taking the courses offered at this meeting will most likely not be sufficient to pass the test. We strongly recommend a combination of the aforementioned to fully prepare yourself for the exam. You will need your laptop for the exam, as we will no longer give paper exams. The benefits are that you will have immediate results once you complete your exam, and a certificate will be emailed to you instantly. Internet Explorer is the recommended browser to take the exam.

TRACK 2—VERSION 3 AND CDA® CORE

T5 – Introduction to Version 3, Part 1: Foundations

Tuesday, September 16 / 9:00 am – 12:30 pm

Introduction to Version 3 Foundations is a rigorous introduction to HL7's modern standard for documents and messages.

Included in the Class:

- General rationale for Version 3
- Explanation of Version 3's two key concepts: messaging and documents (CDA)
- Overview of the Version 3 publication (ballot and standard)
- Essential concepts and terminology necessary to understand the static models of Version 3 used for both messages and documents

This Tutorial Will Benefit:

- Anyone interested in Version 3 implementation or standards development
- Anyone interested in more advanced Version 3 classes on messaging and documents (CDA)

Upon Completion of This Tutorial, Students Will Have Obtained:

- General understanding of the purpose, function, and format of Version 3 messaging and documents
- Rudimentary knowledge of the Reference Information Model (RIM) with a focus on act, role, act relationship, and participation

- Rudimentary understanding of Version 3 Refined Message Information Models (RMIMs) and the refinement process
- How to Locate the Version 3 publications

Prerequisites:

- Experience with healthcare interfacing would be helpful
- Experience or training with systems (development, integration, and/or implementation) required
- It is assumed that the student has some familiarity with the HL7 organization and its processes (balloting procedures, etc.) as can be obtained through the HL7 Organization and Process tutorial

Faculty:

Kai U. Heitmann, MD, FHL7: Past Chair, HL7 Germany; Co-Chair, HL7 Templates Work Group; Heitmann Consulting and Services

T8 – Introduction to Version 3, Part 2: Messaging

Tuesday, September 16 / 1:45 pm – 5:00 pm

Health Level Seven is famous as a provider of messaging standards. That is, providing the standard format and interaction specifications required for two disparate healthcare systems to communicate at the application level. This tutorial builds on the morning Version 3 introduction class by focusing on how messaging is addressed with the Version 3 standard. It reviews and expands on how Version 3 static models are used to represent messages. The Version 3 dynamic model, which is related to the interactions between systems, is introduced. The tutorial explains how message sets are documented within the standard. Finally, it explores how a simple message is wrapped, transmitted, and acknowledged.

The Tutorial Will Benefit:

- Anyone who needs to read Version 3 Normative Editions or ballot publications
- Anyone interested in Version 3 implementation or standards development
- Anyone interested in more advanced classes on Version 3

Upon Completion of This Tutorial, Students Will Have Obtained:

- General understanding of Version 3 messaging characteristics
- Knowledge of the overall structure of the Version 3 publications
- Explanation of how to read a Version 3 domain
- Understanding of general rules for Version 3 message transmission
- Exposure to a Version 3 message
- Understanding on how to impact Version 3

Prerequisites:

- Introduction to Version 3, Part 1: Foundations

Note: Messaging builds directly on the concepts covered in Part 1 and is designed to be a continuation of the morning class. It is assumed that the attendee has basic familiarity with Version 3 including a general understanding of the RIM and how to

interpret the RMIMs as covered in the Introduction to Version 3, Part 1 class. If you would like to take this class without taking Part 1, please contact the instructor.

Faculty:

Virginia Lorenzi: Manager, HIT Standards and Collaborations, New York-Presbyterian Hospital; Associate, Department of Biomedical Informatics, Columbia University

W11 – Introduction to Clinical Document Architecture

Wednesday, September 17 / 9:00 am – 12:30 pm

The Clinical Document Architecture (CDA®) is HL7's specification for standards-based exchange of clinical documents. CDA is based on the concept of scalable, incremental interoperability and uses Extensible Markup Language (XML), the HL7 Reference Information Model (RIM), and controlled terminology for structure and semantics. This tutorial presents the business case for CDA, its primary design principles, and an overview of the technical specification.

This Tutorial Will Benefit:

- New implementers, standards developers, and policy makers

Upon Completion of This Tutorial, Students Will Have:

- Knowledge of the history, and core principles of CDA
- The ability to explain the core structures of CDA, and where they are appropriately used
- Basic skills necessary to understand the CDA standard and existing CDA implementation guides

Prerequisites:

- Introduction to Version 3 (Part 1) recommended

Faculty:

Brett Marquard (Lead-Speaker): Co-Chair, HL7 Structured Documents Work Group; Principal, River Rock Associates

Rick Geimer (Co-Speaker): Member, HL7 Structured Documents Work Group; Chief Technology Officer, Lantana Consulting Group

W13 – Clinical Document Architecture – Advanced

Wednesday, September 17 / 1:45 pm – 5:00 pm

CDA implementation requires understanding of the CDA refinement of the RIM (the CDA RMIM), the Version 3 data types and how these combine with controlled vocabularies to form “clinical statements.” This tutorial reviews the principles of semantic interoperability with CDA and how these are reflected in the CDA model and implemented in the CDA schema. It reviews the CDA RMIM, schema and data types. In

addition, the tutorial gives a detailed walkthrough of samples of CDA documents, coded using clinical statements.

This Tutorial Will Benefit:

- Those needing to learn more about CDA, Release 2—its derivation from the RIM and issues relevant to implementing CDA 2.0 solutions
- Implementers needing to work with CDA, and wanting a review of the details

Upon Completion of This Tutorial, Students Will:

- Have an overview of CDA's components
- Have insight into the XML markup required to implement solutions
- Have a better understanding of the issues surrounding semantic interoperability using CDA

Prerequisites:

- Completion of the Clinical Document Architecture Introductory tutorial recommended, but not required
- Basic knowledge of the Version 3 standards (as can be obtained from the Introduction to Version 3 tutorial series)

Faculty:

Calvin Beebe: Treasurer, HL7 International Board of Directors; Co-Chair, Structure and Semantic Design Steering Division—HL7 Technical Steering Committee; Co-Chair, HL7 Structured Documents Work Group; Co-Editor, CDA; Technical Specialist, Mayo Clinic - Rochester, MN

TH17 – CDA Specialist Certification Test Preparation

Thursday, September 18 / 9:00 am – 12:30 pm

Upon Completion of This Tutorial:

- Students will be better prepared to take the CDA Specialist Certification Test

This Tutorial Will Benefit:

- Anyone preparing for the CDA Specialist Certification Test
- System analysts or clinical application developers wanting in-depth understanding of the CDA Release 2 standard

Prerequisites:

- Participants are encouraged to carefully read the CDA Release 2 standard
- Introduction to Version 3 (Part 1) as well as the CDA Introductory and Advanced tutorials are strongly recommended

Faculty:

Calvin E. Beebe: Treasurer, HL7 International Board of Directors; Co-Chair, Structure & Semantic Design Steering Division—HL7 Technical Steering Committee; Co-Chair, HL7 Structured Documents Work Group, Co-Editor, CDA; Technical Specialist, Mayo Clinic - Rochester, MN

TH23 – HL7 CDA Specialist Certification Test (Laptop Required)

Thursday, September 18 / 5:30 pm – 7:30 pm

Health Level Seven International is pleased to offer certification testing on HL7 CDA Release 2. Certification testing is offered to those participants who want to demonstrate that they have a working knowledge of the CDA Release 2 standard. Healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates.

The knowledge required to pass the test can be obtained by attending HL7 education sessions, by field work dealing with HL7 CDA based applications, or simply by self-study of the HL7 CDA Release 2 standard. Please refer to the Study Guide on the HL7 Training and Certification page of the HL7 website for details on the content covered by the test.

Note: Simply taking the courses offered at this meeting will most likely not be sufficient to pass the test. We strongly recommend a combination of the aforementioned to fully prepare yourself for the test. You will need your laptop for the exam, as we will no longer give paper exams. The benefits are that you will have immediate results once you complete your exam, and a certificate will be emailed to you instantly. Internet Explorer is the recommended browser to take the exam.

TH24 – HL7 Version 3 RIM Certification Test (Laptop Required)

Thursday, September 18 / 5:30 pm – 7:30 pm

Health Level Seven is pleased to offer certification testing on the HL7 Version 3 Reference Information Model (RIM) 2.36. Note that the RIM is the foundational base of all Version 3 artifacts. Certification testing is offered to those industry participants who are expected to have a working knowledge of the HL7 Version 3 RIM or its derived artifacts. Interface analysts, healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates.

The knowledge required to pass the exam can be obtained by self-study of the RIM and its associated normative structural vocabulary, as well as through participation in the HL7 working group meetings, HL7 education sessions, and field work implementing HL7 Version 3 artifacts. Please refer to the Study Guide on the HL7 Training and Certification page of the HL7 website for details on the content covered by the test.

Note: Simply taking the courses offered at this meeting will most likely not be sufficient to pass the test. We strongly recommend a combination of the aforementioned to fully prepare yourself for the test. You will need your laptop for the exam, as we will no longer give paper exams. The benefits are

that you will have immediate results once you complete your exam, and a certificate will be emailed to you instantly. Internet Explorer is the recommended browser to take the exam.

TRACK 3—HL7 SPECIAL TOPICS

M1 – Standards for Interoperability

Monday, September 15 / 1:45 pm – 5:00 pm

This tutorial provides a survey of the healthcare interoperability standards landscape, pointing out the main features of the terrain and how they link together to perform useful functions. The tutorial has three main parts covering (1) messaging standards such as HL7 Version 2 and Version 3, (2) clinical document standards such as CDA®, CCD®, CCR and IHE XDS, and (3) terminology standards, such as SNOMED CT and LOINC. It explains how and why these were developed and their complementary roles, each best suited to particular tasks.

In the time available, the treatment of each standard is necessarily brief, but this tutorial will provide an introduction to more detailed tutorials.

This Tutorial Will Benefit:

- Relative newcomers to health interoperability who are still unsure about how everything fits together

Upon Completion of This Tutorial, Students Will Know:

- How the main healthcare interoperability standards relate to each other and which is most suited for particular roles

Faculty:

Diego Kaminker: Affiliate Director, HL7 International Board of Directors; Chair, HL7 Argentina; Co-Chair, HL7 Education Work Group; Co-Author and Coordinator, HL7 Fundamentals Course, Argentina; Chief Developer and Manager, Kern-IT SRL

W14 – Vocabulary in HL7 – Foundations (Vocabulary 2)

Wednesday, September 17 / 1:45 pm – 5:00 pm

This tutorial explains the governance and processes which support vocabulary and its use in HL7 standards. The appropriate use of vocabulary in health software and information exchange is important for safe, effective and unambiguous information exchange. This tutorial identifies how to correctly implement code system content into HL7 messages and content, and how to facilitate the development of code system content in HL7 standards. This tutorial covers requirements for HL7 Version 2, Version 3, CDA®, and FHIR®.

This Tutorial Will Benefit:

- Those involved in the implementation or development of HL7 standards, or health information systems, including:
 - Those implementing vocabulary content in IT systems based upon HL7 standards
 - Those participating in the Vocabulary Work Group
 - HL7 Vocabulary facilitators

Upon Completion of This Tutorial, Students Will Know:

- What a code system is in health information exchange and why it is important
- The HL7 processes for terminology content
- The structures for vocabulary in HL7 Version 2.x
- How coded data is represented in Version 3 messages
- How to use value sets and concept domains as they apply in HL7
- The use of OIDs in HL7 vocabulary maintenance
- The tools used to maintain and implement code systems

Prerequisites:

- Vocabulary 1 or equivalent: It is expected that attendees will understand the basics of V2.x message structures

Faculty:

Russ Hamm: Co-Chair, HL7 Vocabulary Work Group; HL7 Liaison to IHTSDO; Interoperability Architect, Lantana Consulting Group

- Request additional content from developers of standard terminologies
- Match the semantics of the HL7 element, to which the value set will be applied

Faculty:

Heather Grain, AssocDip MRA, GDip IS, MHI, MACS, FACHI, Cert IV Training and Education: Co-Chair, HL7 Vocabulary Work Group; SKMT Governance Committee, ISO Representative and Administrator of SKMT

TRACK 4—FHIR®

FHIR Connectathon

Saturday, September 13, 9:00 am – 5:00 pm

Sunday, September 14, 9:00 am – 12:30 pm



A Fast Healthcare Interoperability Resources (FHIR®) Connectathon is an opportunity for implementers to participate in developing FHIR solutions and exchange data with other FHIR interfaces. The Connectathon is not a formal tutorial. There will be no lectures or presentations. Instead, you'll participate in 1.5 days of hands-on, heads down development and testing, working directly with other FHIR developers as well as senior members of the FHIR standards development team. The Connectathon is a chance to get your hands dirty and learn by doing as well as to help evolve the FHIR specification.

Participation in the Connectathon will be as part of one of several tracks. Participants will be asked to confirm which track they wish to follow a few days in advance of the Connectathon (based on their level of readiness as well as area of interest). Details on the scenarios for both tracks as well as information on pre-Connectathon discussion forums can be found on the Connectathon website here: http://wiki.hl7.org/index.php?title=FHIR_Connectathon_7.

By registering for the Connectathon, participants authorize HL7 International to share contact information (name, email and organization name) with the FHIR Management Group for the purposes of coordinating Connectathon activity.

Registrants will be contacted prior to the event regarding intended scenarios, platforms and other information.

The reason for the cost difference for participants and observers is two-fold. First, attendees are likely to receive more benefit by actually participating in FHIR development than by merely watching. Second, HL7 offers a discount to participants due to the beneficial impact of their work on the development of the FHIR specification.

NOTE: If registering as a participant, you will be expected to write at least some software intended to demonstrate FHIR connectivity.

TH19 – Authoring Value Set Content

Thursday, September 18 / 1:45 – 5:00 pm

If you have been given the task to develop coded content for your system or for a standard, you need to understand the requirements for quality data and representation of meaning in health records or systems. This tutorial does not cover IT technology requirements; rather, it focuses on quality data specification requirements.

This Tutorial Will Benefit:

- Anyone who needs to specify, collect, implement, design or interpret data in healthcare systems, particularly underpinning the requirements for data specification in HL7 documents

Upon Completion of This Tutorial, Students Will Be Able to:

- Apply the process for including content in their value set if it is not available in the code system that they are developing a value set from
- Apply the principles of a good terminology
- Determine what is to be represented (what meaning and use case is intended)
- Specify appropriate use of flavors of null/supplementary classification concepts
- Evaluate different terminological resources to represent content (limited to the knowledge of the group of those resources)
- Explain appropriate governance requirements

F1 – Developing FHIR Profiles– FREE TUTORIAL FOR CO-CHAIRS AND FACILITATORS ONLY

Sunday, September 14 / 3:30 pm – 5:00 pm

This tutorial is aimed at co-chairs, facilitators and others who will be creating profiles of FHIR resources. This could include implementation guides for documents or messages as well as templates for application to resources and data types. It will introduce new tooling to support profile authoring as well as discuss guidelines for designing appropriate profiles.

Faculty:

Ewout Kramer: Implementation Representative, HL7 FHIR Governance Board; Chief Architect and Manager of Research and Development, Furore

M2 – Introduction to HL7 FHIR®

Monday, September 15 / 1:45 pm – 5:00 pm

FHIR (Fast Healthcare Interoperability Resources) is the newest healthcare interoperability standard offered by HL7, providing domain friendly wire formats compatible across the document, messaging, services and RESTful paradigms. This tutorial is aimed at those who want to learn more about FHIR, what it can do, and how their organization might best take advantage of it.

This Tutorial Will Benefit:

- Analysts, vendors, and project managers

Upon Completion of This Tutorial, Students Will Be Able to:

- Explain the main principles underlying the FHIR methodology
- Describe the characteristics of a FHIR resource and understand the contents of a resource definition
- Understand the relationship between FHIR and other HL7 standards such as Version 2, Version 3 messaging and CDA
- List some of the key FHIR infrastructure resources and explain how they are used to support the four FHIR interoperability paradigms
- Help their organization to determine if, when, where and how they might implement FHIR

Faculty:

David Hay, MD: Co-Chair, HL7 FHIR Management Group; Chair, HL7 New Zealand; Product Strategist, Orion Healthcare



T6 – FHIR for Architects

Tuesday, September 16 / 9:00 am – 12:30 pm



FHIR is attracting a great deal of attention as the next “great thing” in healthcare interoperability. This course will help participants understand where and how FHIR might fit into their healthcare interoperability environment and give them the tools to make judgements about when or if FHIR might be an appropriate solution for their healthcare IT needs.

This Tutorial Will Benefit:

- Architects, technical managers, and other healthcare IT decision-makers involved in solution design

Upon Completion of This Tutorial, Students Will Be Able to:

- Explain how FHIR may be used in different interoperability paradigms
- Describe how FHIR can fit in different locations in the architectural stack
- Identify architectural considerations that apply to FHIR and determine how best to address those in their own FHIR solutions
- Explain where and how profiles fit into an architectural solution
- Give guidance on if, when and how FHIR might be used within their own organization

Prerequisites:

- Introduction to FHIR or basic familiarity with the FHIR standard and concepts
- Some knowledge of healthcare IT architecture would also be useful

Faculty:

Lloyd McKenzie, PEng: Co-Chair, HL7 FHIR Management Group; Co-Chair, HL7 Modeling and Methodology Work Group; HL7 Modeling and Methodology Facilitator-at-Large; Principal Consultant, LM&A Consulting Ltd.

T9 – FHIR Profiling

Tuesday, September 16 / 1:45 pm – 5:00 pm



This tutorial is a deep-dive into the infrastructure parts of the FHIR specification. Get insight on how to design, develop and test software that uses the FHIR interoperability standard, all the way from the wire-format up to validation and storage.

This Tutorial Will Benefit:

- Software developers, team leads, and infrastructure architects

Upon Completion of This Tutorial, Students Will:

- Understand how resources align with object-oriented and other common software-engineering principles
- Be able to list the four of interoperability paradigms supported by FHIR

- Understand the FHIR REST service operations and how to implement them
- Understand how the Atom, Xml and JSON wire formats are used in FHIR
- Understand versioning and bundles
- Compare strategies for using object models, validation and (de)serialization
- Use relational or document-oriented storage for persistence of resources
- Understand how to implement search functionality
- Know and use the provided reference implementations

Prerequisites:

- Introduction to HL7 FHIR

Faculty:

Ewout Kramer: Implementation Representative, HL7 FHIR Governance Board; Chief Architect and Manager of Research and Development, Furore

W12 – Introduction to FHIR Development

Wednesday, September 17 / 9:00 am – 12:30 pm



FHIR provides a set of building blocks from which interoperability solutions can be created. Profiles combine those blocks into solutions, serving a similar purpose to implementation guides, templates, archetypes, and detailed clinical models associated with other HL7 standards.

This tutorial will teach students how to use profiles to shape the FHIR core specification for use in a specific national, regional or organizational context.

This Tutorial Will Benefit:

- Data modelers, standards developers and HL7 Version 3 template authors who want to start using FHIR

Upon Completion of this Tutorial, Students Will:

- Know the principal components of a FHIR profile
- Understand how domain information requirements translate to profile constructs
- Know the role profiles play in validation and conformance
- Write a FHIR profile for a message, document or single resource or data type
- Know where and how to register and find existing profiles

Prerequisites:

- Introduction to FHIR

Faculty:

Rik Smithies: HL7 Co-Chair, Clinical Statement Work Group; Technical Chair, HL7 UK; Independent Consultant, NProgram Ltd.

TRACK 5—MEANINGFUL USE

M3 – Introduction to Health Quality Measure Format



Monday, September 15 / 1:45 pm – 5:00 pm

Clinical Quality Measures (CQMs) help in measuring the quality of healthcare provided to a patient. The Health Quality Measures Format (HQMF) is HL7's specification for defining the structure and content of a CQM. It is based on the HL7 Reference Information Model (RIM), and uses that model to define all the information necessary to compute a quality measure and produce a mathematical result. This tutorial serves as an introduction to HQMF R1 and R2, their design, and their use in quality measurement. It primarily covers the HQMF R2 architecture, the technical specification, the role it plays in the quality measurement space, and its relationship to other quality measurement standards, including the HL7 QDM-based HQMF R2 Implementation Guide (a US-realm guide for HQMF).

This Tutorial Will Benefit:

- New implementers, measure developers, policy makers, and standards developers

Upon Completion of This Tutorial, Students Will Have:

- Knowledge of the history and design of HQMF R1 and R2
- The ability to explain the structure of an HQMF R2 document and a clinical quality measure
- The skills necessary to understand the HQMF R2 standard and its related implementation guides
- Knowledge of where HQMF R2 fits into the clinical quality workflow

Faculty:

Kanwarpreet Sethi (Lead Speaker): Senior Software Architect & Engineer; Lantana Consulting Group

Rick Geimer (Co-Speaker): Member, HL7 Structured Documents Work Group; Chief Technology Officer, Lantana Consulting Group

W15 – Meaningful Use Laboratory Implementation Guides



Wednesday, September 17 / 1:45 pm – 5:00 pm

This tutorial provides an overview of the messages, structures, and conformance statements defined in Laboratory Test Compendium Framework/electronic directory of service (eDOS), the Laboratory Order Interface (LOI), and the Lab Result Interface (LRI) implementation guides in support of ONC's certification program.

This Tutorial Will Benefit:

- Software developers implementing laboratory interfaces

Upon Completion of This Tutorial, Students Will Have:

- Basic knowledge of the laboratory test compendium/eDOS, laboratory orders, and laboratory results interface specifications to enable them to implement laboratory eDOS, orders, and results interfaces based on these guides

Prerequisites:

- Familiarity with Version 2.5.1 or higher

Faculty:

Hans Buitendijk (Lead Speaker): Director, HL7 Board of Directors; Co-Chair, HL7 Clinical Statement Work Group; Co-Chair, HL7 Orders and Observations Work Group; HS Standards & Regulations Manager, Siemens Healthcare

Freida Hall (Co-Speaker): Co-Chair, Technical and Support Services Steering Division – HL7 Technical Steering Committee; Manager Healthcare Standards, Quest Diagnostics

TH18 – Quality Reporting Document Architecture (QRDA)



Thursday, September 18 / 9:00 am – 12:30 pm

The Quality Reporting Document Architecture (QRDA) is one of Health Level Seven's premier standards for quality reporting, particularly for capturing various kinds of quality reports. QRDA builds off of the growing Clinical Document Architecture (CDA®) standard. This tutorial will cover the structure of the QRDA specification, and demonstrate how QRDA relates to other HL7 standards such as CDA and the Health Quality Measures Format (HQMF). It will also explain how QRDA is being used and adopted in the United States.

This Tutorial Will Benefit:

- Implementers looking to generate quality reports using QRDA

Upon Completion of This Tutorial, Students Will Understand:

- How to distinguish the different kinds of quality reports that can be represented using QRDA
- The structure of the QRDA category 1 and QRDA category 3 specification
- How to apply program specific guidance to the HL7 QRDA standard
- How QRDA relates to HQMF

Faculty:

Chris Millet: Co-Chair, HL7 Clinical Quality Information Work Group; Founder, Lazy LLC; former Senior Director of e-Measurement, National Quality Forum

TH20 – HL7 Standards for Meaningful Use

Thursday, September 18 / 1:45 pm – 5:00 pm



Under the 2009 US American Recovery & Reinvestment Act (ARRA) regulation, the Health Information Technology for Economic and Clinical Health (HITECH) section legislated that eligible healthcare professionals and hospitals can qualify for Medicare and Medicaid incentive payments when they adopt certified EHR Technology and use it to achieve specified objectives. One of the two regulations announced defines the “Meaningful Use” objectives that providers must meet to qualify for the bonus payments, and the other regulation identifies the technical capabilities required for certified EHR Technology (“ONC HIT Certification Program”).

The Key Components of the Meaningful Use Objectives Are:

- Tracking key patient-level clinical information in order to give health providers clear visibility into the health status of their patient populations
- Applying clinical decision support designed by health care providers to help improve adherence to evidence-based best practices
- Executing electronic healthcare transactions (prescriptions, receipt of drug formulary information, eligibility checking, lab results, basic patient summary data exchange) with key stakeholders
- Reporting a focused set of meaningful care outcomes and evidence-based process metrics (for example, the percentage of patients with hypertension whose blood pressure is under control), which will be required by virtually any conceivable new value-based payment regimes

Evidence of Meaningful Use provides financial incentives to “Eligible Providers” and “Eligible Hospitals” over a five year period: 2011 to 2015. For example, maximum EHR implementation reimbursement available to an individual eligible provider under Medicare is \$44,000 and under Medicaid is \$63,500; for eligible hospitals it is a \$2M base payment. Additional clarifications (including exceptions) will be explained during the tutorial.

The Medicare and Medicaid EHR Incentive Programs are staged in three steps (Stage 1, Stage 2 & Stage 3) with increasing requirements for participation. Additional details on the various Stages will be provided during the tutorial.

This Tutorial Will Benefit:

- Providers and hospitals in the US who are eligible to receive the financial incentives under the legislation
- Consultants and companies who are providing Meaningful Use technical assistance to eligible providers and hospitals
- EHR vendors who are new to Meaningful Use requirements (please review the Meaningful Use Track 5 tutorials for targeted training)
- Countries that are considering the introduction of national incentives to encourage EHR adoption

Upon Completion of This Tutorial, Students Will Know:

- What Meaningful Use is, who defined it, and what it means
- How it is relevant and related to HL7
- Which HL7 standards are mentioned in the Meaningful Use regulations

Prerequisites:

- Standards for Interoperability tutorial

Faculty:

Gora Datta: HL7 Corporate Member; HL7 Ambassador; Co-Chair, HL7 Mobile Health Work Group; Group Chairman & CEO, CAL2CAL Corporation

TH21 – Consolidated CDA

Thursday, September 18 / 1:45 pm – 5:00 pm



The HL7 Consolidated CDA® (C-CDA) is a standard that reconciled and consolidated nine different healthcare exchange documents into a single template library. The Office of the National Coordinator (ONC) named the Consolidated Templates DSTU as a required criterion for Meaningful Use Stage 2. This tutorial presents an overview of the C-CDA and provides practical advice for implementing the standard.

This Tutorial Will Benefit:

- New implementers, standards developers, and policy makers

Upon Completion of This Tutorial, Students Will Know:

- How to navigate the Consolidated CDA standard
- How to explain templated CDA and how it streamlines development
- How to locate additional C-CDA requirements to meet Meaningful Use Stage 2
- How to use online validators to build conformant documents

Prerequisite:

- Introduction to Clinical Document Architecture

Faculty:

Brett Marquard: Co-Chair, HL7 Structured Documents Work Group; Principal, River Rock Associates

and a question and answer session that will help attendees make informed choices and maximize their time at the meeting. The session will be offered twice during the meeting—once on Sunday evening and again on Monday morning.

Faculty:

Freida Hall: Co-Chair, Technical and Support Services Steering Division – HL7 Technical Steering Committee; Manager Healthcare Standards, Quest Diagnostics

F3 – HL7 Tutorial Development Workshop – FREE TUTORIAL

Sunday, September 14 / 5:00 pm – 6:00 pm

If you develop or deliver HL7 tutorials and want to improve the tutorial quality, or get assistance in development of training specifications or plans, or training materials – bring your ideas, issues and documents etc with you and get assistance to develop or improve your tutorial.

This Tutorial Will Benefit:

- Tutorial presenters
- Tutorial developers

Upon Completion of This Tutorial, Students Will Be Able To:

- Submit quality tutorial proposals and plans
- Improve presentations in HL7 tutorial
- Improve learning outcomes of HL7 tutorials

Prerequisites:

- How to Design and Deliver an HL7 Tutorial

Faculty:

Heather Grain, AssocDip MRA, GDip IS, MHI, MACS, FACHI, Cert IV Training and Education: Co-Chair, HL7 Vocabulary Work Group, Convenor ISO WG3-Semantic Content; Member IHTSDO Quality Assurance Committee and Education SIG; Chair-Standards Australia Health Informatics Committee (IT 14), Australia

TRACK 6—INFORMATION FORUMS**F2/F5 – First-Time Attendees' Orientation – FREE TUTORIAL**

Sunday, September 14 / 4:00 pm – 5:00 pm

Monday, September 15 / 7:00 am – 8:00 am

This is a special orientation session for first-time attendees. It will give those new to HL7 the lay of the land and help ensure they get the very most out of their first working group meeting experience. The session will consist of a quick meeting “tour”

F4 – Organization and Process Orientation/ Introduction – FREE TUTORIAL

Sunday, September 14 / 5:00 pm – 6:00 pm

This session provides a brief history of the HL7 organization and answers the question “What is HL7?” An overview of the current work group structure and content domains will be presented. Attendees will learn the formal work group process and protocol and how to effectively participate in the work of the work groups. This tutorial was added at the request of first-time attendees seeking to gain deeper knowledge of the organization and its work processes.

Faculty:

John Quinn: HL7 Chief Technology Officer

F6 – Glossary Management-Defining and Managing the Terms Used by Healthcare SDOs– FREE TUTORIAL

Tuesday, September 16 / 7:00 am – 8:00 am

This is an overview of the international health standards knowledge management tool (SKMT) to introduce attendees to the resource (find standards, find terms and definitions) and how it can make standards development, use and health informatics documentation in general easier and more consistent.

This tutorial also shows how to retrieve, enter and update information in the SKMT, and introduces the process for harmonization across SDOs internationally and how HL7 engages with this process.

This Tutorial Will Benefit:

- People who develop standards
- People who use and work with the terms, concepts used by healthcare standards
- People who want to know of projects and publications of other SDOs to improve harmonization and reduce duplication of effort

Upon Completion of This Tutorial, Students Will Know:

- The purpose and utility of the SKMT
- How to find and register for access to the SKMT
- The process for maintenance of the content for HL7 in the tool including SDO harmonization trials
- How to apply the guidelines for development of quality definitions

Faculty:

Heather Grain, AssocDip MRA, GDip IS, MHI, MACS, FACHI, Cert IV Training and Education: Co-Chair, HL7 Vocabulary Work Group; SKMT Governance Committee, ISO Representative and Administrator of SKMT

Andy Stechishin: Co-Chair, HL7 Publishing Work Group; Co-Chair, HL7 Tooling Work Group; Co-Chair, HL7 Application Implementation and Design Work Group; Co-Chair, HL7 Implementation Technology Specifications Work Group; Co-Chair, Technical & Support Services Steering Division—HL7 Technical Steering Committee; HL7 Representative to SKMT Governance Committee

F7 – How to Design and Deliver an HL7 Tutorial – FREE TUTORIAL

Wednesday, September 17 / 7:00 am – 8:00 am

This is an information session which introduces design and delivery of HL7 tutorials and provides tools and resources to assist in these tasks. The course will assist in production of focused, outcome driven educational activities.

This Tutorial Will Benefit:

- Anyone who delivers or intends to deliver or develop tutorial information for HL7

Upon Completion of This Tutorial, Students Will Understand:

- The need to identify appropriate content and methodology to meet stakeholder need
- How to develop of competencies to meet need
- How to identify expected background of learners
- What a learning plan needs to contain, breaking content into defined timeslots and identified resources/exercises
- Delivery methods and assessment methods and tools
- The need to measure assessment and content against competencies
- How to prepare proposals for HL7 education
- How to undertake basic tutorial quality review

Faculty:

Heather Grain, AssocDip MRA, GDip IS, MHI, MACS, FACHI, Cert IV Training and Education: Co-Chair, HL7 Vocabulary Work Group, Convenor ISO WG3-Semantic Content; Member IHTSDO Quality Assurance Committee and Education SIG; Chair-Standards Australia Health Informatics Committee (IT 14), Australia

F8 – Newly Elected Co-Chair Training – FREE TUTORIAL

Thursday, September 18 / 7:00 am – 7:45 am

This session is intended for newly elected work group co-chairs. The purpose of the session is to introduce the co-chair responsibilities, review work group and balloting procedures, share tips on managing a work group, provide a framework for common operation among all work groups, and general Q&A session.

Faculty:

Karen Van Hentenryck: HL7 Associate Executive Director

Topic	Class ID	Instructor	SUN PM	MON AM	MON PM	TUE AM	TUE PM	WED AM	WED PM	THU AM	THU PM
Track 1—Version 2.x											
Introduction to Version 2, Part 1: Control/Patient Administration	T4	Buitendijk				★					
Introduction to Version 2, Part 2: Orders and Observations	T7	Klein					★				
Version 2 Message Profiles and Conformance	W10	Shakir						★			
Version 2.7 Control Specialist Certification Test Preparation	TH16	Henderson								★	
HL7 Version 2.7 Control Specialist Certification Test	TH22	HL7 Staff									5:30-7:30
Track 2—Version 3 and CDA											
Introduction to Version 3, Part 1: Foundations	T5	Heitmann				★					
Introduction to Version 3, Part 2: Messaging	T8	Lorenzi					★				
Introduction to Clinical Document Architecture	W11	Marquard/Geimer						★			
Clinical Document Architecture – Advanced	W13	Beebe							★		
CDA Specialist Certification Test Preparation	TH17	Beebe								★	
HL7 CDA Specialist Certification Test	TH23	HL7 Staff									5:30-7:30
HL7 Version 3 RIM Certification Test	TH24	HL7 Staff									5:30-7:30
Track 3—Special Topics											
Standards for Interoperability	M1	Kaminker			★						
Vocabulary in HL7 – Foundations (Vocabulary 2)	W14	Hamm							★		
Authoring Value Set Content	TH19	Grain									★
Track 4—FHIR®											
★ FHIR Connectathon	Sat-Sun	McKenzie/Kramer/Hay	Sat-Sun								
★ Developing FHIR Profiles – HL7 Co-Chairs & Facilitators ONLY (FREE TUTORIAL)	F1	Kramer	Q4								
★ Introduction to HL7 FHIR	M2	Hay			★						
★ FHIR for Architects	T6	McKenzie				★					
★ FHIR Profiling	T9	Kramer					★				
★ Introduction to FHIR Development	W12	Smithies						★			
Track 5—Meaningful Use											
★ Introduction to Health Quality Measure Format	M3	Sethi/Geimer			★						
★ Meaningful Use Laboratory Implementation Guides	W15	Buitendijk/Hall							★		
★ Quality Reporting Document Architecture	TH18	Millet								★	
★ HL7 Standards for Meaningful Use	TH20	Datta									★
★ Consolidated CDA	TH21	Marquard									★
Track 6—Information Forums—FREE TUTORIALS											
First-Time Attendees' Orientation	F2/F5	Hall	4:00-5:00	7:00-8:00							
HL7 Tutorial Development Workshop	F3	Grain	5:00-6:00								
Organization and Process Orientation/Introduction	F4	Quinn	5:00-6:00								
Glossary Management-Defining and Managing the Terms Used by Healthcare SDOs	F6	Grain/Stechishin				7:00-8:00					
How to Design and Deliver an HL7 Tutorial	F7	Grain						7:00-8:00			
Newly Elected Co-Chair Training	F8	Van Hentenryck								7:00-7:45	

	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Affiliate Due Diligence Committee				Q4								
Anatomic Pathology				Q4	Q2	Q3		Q4				
Anesthesia				★	★	Q3						
Application Implementation and Design		★		Q3				Q4				
Architectural Review Board	★	★								★		
Arden Syntax					★	★						
Attachments				★	★	★	★	★	★	★		
Biomedical Research Integrated Domain Group				Q3			Q1	Q4	★	★		
Board of Directors' Meeting						Lunch & ★						
Child Health					★	★						
Clinical Decision Support							Q2	7:00-8:00	★	★		
Clinical Genomics					★	Q4	Q1	★				
Clinical Interoperability Council						Q4	Q1	★	★	★		
Clinical Quality Information				★	Q1	Q4	Q1	★		Q4		
Clinical Statement										Q3		
Co-Chair Information				Lunch & 5:15-7:00		Lunch		7:00-7:45				
Co-Chairs New WGM Room Request Application Training									7:00-7:45	1:00-1:30 & 5:30-6:15		
Community Based Collaborative Care				★	Q2	★		★				
Conformance & Guidance for Implementation/Testing				★	★	Q4		★				
Education				Lunch & ★					★			
Electronic Health Records				★	★	★	★	★	★			
Electronic Services									Q1			
Emergency Care				★	★	★	Q1	★	Q1	★	★	
Facilitators' Roundtable Dinner/Meeting										5:30-8:00		
Fast Healthcare Interoperability Resources		Lunch	7:00-8:00 & Lunch	Q3	Q2					5:30-8:00	7:30-10:30	
FHIR® Clinicians Connectathon											★	★
FHIR Connectathon (Note: There is also a meeting scheduled for Saturday, 9/13, 9:00-5:00 pm)	★	Lunch										
FHIR/SOA Implementation Case Study Forum				★				★				
Financial Management				★				★				
First-Time Attendees' Orientation		4:00-5:00	7:00-8:00	Lunch		Lunch						
Foundation Task Force							Q2					
Fresh Look Task Force				Q4								
General Session					8:00-8:45		8:00-8:45		8:00-8:45		No General Session	
Governance and Operations Committee							Q2					

	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
GS1 Education Session							7:00-7:45					
HL7 Conformance Testing Program					Q1	Q4						
HL7 Payer Summit									★	★	★	
HL7 Terminology Authority											★	
Health Care Devices				★	★	★	★	★	★	★	★	Q3
Imaging Integration							Q1	★	★	★		
Implementable Technology Specification				Q4			★		Q1	★		
Infrastructure & Messaging					★	★		Q4				
International Council	★	Lunch & Q3								Lunch & ★		
International Mentoring Committee		Q4										
Mobile Health						5:15-6:30	★	Q3				
Modeling & Methodology		Q3			Q1		★		Q1	5:30-8:00	★	
Networking Reception								5:15-7:15				
Nurses Breakfast/Meeting					7:00-8:00							
OMG Healthcare Domain Task Force									★	★		
Orders & Observations				★	★	★	★	★	★	Q4	Q1	
Organization and Process Orientation/Introduction		5:00-6:00										
Patient Administration				★	★	★	★	★	★	★		
Patient Care				★	★	★	Q1	★	★	★	Q2	
Pharmacy				★	Q1	Q3	Q1	★	★	★		
Physicians Breakfast/Meeting							7:00-8:00					
Plenary Meeting			8:30-12:30									
Policy Advisory Committee							Q1					
Process Improvement Committee				Q4								
Product Line Architecture Program								Q4				
Project Services										Q3		
Public Health Emergency Response				Q3	Q1	★		★	Q2	★		
Publishing							Q1-V2	Q3-V2 Q3-V3			Q2-V3	
Regulated Clinical Research Information Management				★	★	★						
Security					★	★		★	★	★		
Services Oriented Architecture				★	★	★	★	★				
Steering Divisions: Domain Experts Foundation & Technology Structure & Semantic Design Technical & Support Services				7:00-8:30								
Structured Documents				★	Q2	★			Q1	★	Q2	
TSC Meetings (Note: There is also a meeting scheduled for Saturday, 9/13, 9:00-5:00 pm)		5:15-6:30						Lunch/Meeting		Lunch/Meeting		
Templates				Q3							★	
Tooling					Q2	7:00-9:00			★			
Vocabulary		★		★	★	★			★	★ & 5:30-8:00		

HL7 WORKING GROUP MEETINGS

REGISTRATION HOURS

Sunday	8:30 – 5:00 pm	Registration
Monday – Tuesday	7:00 – 5:00 pm	Registration
Wednesday – Thursday	7:30 – 5:00 pm	Registration
Friday	8:00 – 1:00 pm	Staff on Hand For Assistance

MEALS AND BREAKS

Monday – Thursday	7:30 – 8:30 am	Continental Breakfast
Friday	8:00 – 9:00 am	Continental Breakfast
Monday	10:00 – 10:30 am	Morning Break
Tuesday – Friday	10:30 – 11:00 am	Morning Break
Monday – Friday	12:30 – 1:30 pm	Lunch
Monday – Thursday	3:00 – 3:30 pm	Afternoon Break

PLENARY AND GENERAL SESSION ROOM

Please plan to attend the Monday morning Plenary Meeting and General Sessions Tuesday through Thursday for daily highlights, meeting announcements and changes.

Monday	8:30 – 12:30 pm	Plenary Meeting
Tuesday	8:00 – 8:45 am	HL7 CEO, CTO, International Council and TSC Reports, Announcements
Wednesday	8:00 – 8:45 am	HL7 Annual Business Meeting, Awards Presentations, Announcements
Thursday	8:00 – 8:45 am	Announcements
Friday	NO GENERAL SESSION	

NOTE: In compliance with our status as an ANSI-accredited standards development organization, anyone may register to attend HL7 meetings.

Meeting times and locations are subject to change.

MEETINGS

AFFILIATE DUE DILIGENCE COMMITTEE

Monday	3:30 – 5:00 pm	MEETING
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ANATOMIC PATHOLOGY (AP)

Monday	3:30 – 5:00 pm	MEETING
Tuesday	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: Clin Gen
Wednesday	11:00 – 12:30 pm	Joint w/O&O, II, Clin Gen
	3:30 – 5:00 pm	MEETING

ANESTHESIA (GAS)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Joint w/Dev

APPLICATION IMPLEMENTATION AND DESIGN (AID)

Sunday	1:45 – 5:00 pm	Hosting: FHIR
Monday	1:45 – 3:00 pm	MEETING
Tuesday	7:00 – 9:00 pm	Joint w/Tooling, FHIR
Wednesday	3:30 – 5:00 pm	Hosting: Tooling

ARCHITECTURAL review BOARD (ArB)

Sunday	9:00 – 5:00 pm	MEETING
Thursday	1:45 – 5:00 pm	MEETING

ARDEN SYNTAX (AS)

Tuesday	9:00 – 5:00 pm	MEETING
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ATTACHMENTS

Monday	1:45 – 5:00 pm	MEETING
Tuesday – Thursday	9:00 – 5:00 pm	MEETING

BIOMEDICAL RESEARCH INTEGRATED DOMAIN GROUP (BRIDG)

Monday	1:45 – 3:00 pm	MEETING
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/EHR, PC, EC, CH, PHER, CIC, Pharm, CQI
	3:30 – 5:00 pm	MEETING
Thursday	9:00 – 5:00 pm	MEETING

BOARD OF DIRECTORS' MEETING

Tuesday	12:30 – 1:30 pm	Luncheon
	1:45 – 5:00 pm	MEETING

CHILD HEALTH (CH)

Tuesday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: FHIR
	3:30 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Joint w/PC
	11:00 – 12:30 pm	Joint w/EHR, PC, EC, PHER, CIC, Pharm, CQI, BRIDG

CLINICAL DECISION SUPPORT (CDS)

Wednesday	9:00 – 10:30 am	Joint w/CQI, SD
	11:00 – 12:30 pm	MEETING
	1:45 – 5:00 pm	Joint w/CQI
	7:00 – 8:30 pm	Hosting: CQI
Thursday	9:00 – 10:30 am	Hosting: CQI
	11:00 – 3:00 pm	Hosting: CQI, FHIR
	3:30 – 5:00 pm	MEETING

CLINICAL GENOMICS (Clin Gen)

Tuesday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/AP
	3:30 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/O&O, II, AP
	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: FHIR

CLINICAL INTEROPERABILITY COUNCIL (CIC)

Tuesday	9:00 – 10:30 am	Joint w/RCRIM
	11:00 – 12:30 pm	Joint w/EHR, CQI
	3:30 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/EHR, PC, EC, CH, PHER, Pharm, CQI, BRIDG
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	Hosting: CBCC
	11:00 – 5:00 pm	MEETING

🌟 CLINICAL QUALITY INFORMATION (CQI)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: SD
	11:00 – 12:30 pm	Joint w/EHR, CIC
	1:45 – 3:00 pm	Joint w/PC
	3:30 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Hosting: SD, CDS
	11:00 – 12:30 pm	Joint w/EHR, PC, EC, CH, PHER, CIC, Pharm, BRIDG
	1:45 – 5:00 pm	Hosting: CDS
	7:00 – 8:30 pm	Joint w/CDS
Thursday	9:00 – 10:30 am	Joint w/CDS
	11:00 – 3:00 pm	Joint w/CDS, FHIR
	3:30 – 5:00 pm	MEETING

CLINICAL STATEMENT (CS)

Thursday	1:45 – 3:00 pm	Hosting: O&O
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CO-CHAIR INFORMATION

Monday	5:15 – 7:00 pm	Co-Chairs Dinner/Meeting
<i>(Open Meeting, however open for dinner ONLY to Co-Chairs.)</i>		
Co-Chairs MUST register if you wish to attend the dinner/meeting)		
Monday – Tuesday	12:30 – 1:30 pm	Lunch tables reserved for Co-Chairs
Thursday	7:00 – 7:45 am	Newly Elected Co-Chair Training

CO-CHAIRS NEW WGM ROOM REQUEST APPLICATION TRAINING

Thursday	7:00 – 7:45 am	TRAINING
	1:00 – 1:30 pm	TRAINING
	5:30 – 6:00 pm	TRAINING

COMMUNITY BASED COLLABORATIVE CARE (CBCC)

Monday	1:45 – 5:00 pm	Hosting: Sec
Tuesday	11:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Joint w/EHR, Sec
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	Joint w/CIC
	11:00 – 12:30 pm	Joint w/Sec, FHIR

CONFORMANCE & GUIDANCE FOR IMPLEMENTATION/TESTING (CGIT)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/InM
	3:30 – 5:00 pm	MEETING
Wednesday	1:45 – 5:00 pm	Hosting: Templates, FHIR
Thursday	9:00 – 10:30 am	Joint w/Voc, InM
	11:00 – 12:30 pm	Joint w/Voc

EDUCATION

Monday	12:30 – 1:30 pm	Education Facilitators' Roundtable Luncheon/Meeting
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 12:30 pm	MEETING

ELECTRONIC HEALTH RECORDS (EHR)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: MH
	11:00 – 12:30 pm	Hosting: CQI, CIC
	1:45 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Hosting: Sec, CBCC
	11:00 – 12:30 pm	Hosting: PC, EC, CH, PHER, CIC, Pharm, CQI, BRIDG
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 12:30 pm	MEETING

ELECTRONIC SERVICES (ES)

Thursday	9:00 – 10:30 am	MEETING
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EMERGENCY CARE (EC)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 5:00 PM	MEETING
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/EHR, PC, CH, PHER, CIC, Pharm, CQI, BRIDG
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/PHER
	1:45 – 5:00 pm	MEETING
Friday	9:00 – 12:30 pm	MEETING

FACILITATORS' ROUNDTABLE DINNER/MEETING

Thursday	5:30 – 8:00 pm	Hosting: MnM, Voc, FHIR
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🌟 FAST HEALTHCARE INTEROPERABILITY RESOURCES (FHIR)

Sunday	12:30 – 1:30 pm	FHIR Management Group, FHIR Governance Board Luncheon/Meeting
	1:45 – 5:00 pm	Joint w/AID
Monday	7:00 – 8:00 am	FHIR Governance Board
	12:30 – 1:30 pm	FHIR Management Group
	1:45 – 3:00 pm	MEETING
	1:45 – 3:00 pm	Joint w/O&O
	1:45 – 5:00 pm	Joint w/FHIR/SOA Implementation Case Study Forum
	3:30 – 5:00 pm	Joint w/ITS
Tuesday	9:00 – 10:30 am	Joint w/PA
	9:00 – 10:30 am	Joint w/PC
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/CH
	1:45 – 3:00 pm	Joint w/Pharm
	3:30 – 5:00 pm	Joint w/InM, ITS
	3:30 – 5:00 pm	Joint w/PC
	3:30 – 5:00 pm	Joint w/SD
	7:00 – 9:00 pm	Joint w/Tooling, AID
Wednesday	9:00 – 10:30 am	Joint w/SOA
	11:00 – 12:30 pm	Joint w/MnM, Voc
	11:00 – 12:30 pm	Joint w/Dev
	1:45 – 3:00 pm	Joint w/MH
	1:45 – 5:00 pm	Joint w/CGIT, Templates
	1:45 – 5:00 pm	Joint w/FM

FHIR (continued)

Wednesday (cont.)	1:45 – 5:00 pm	Joint w/FHIR/SOA Implementation Case Study Forum
	3:30 – 5:00 pm	Joint w/Clin Gen
Thursday	9:00 – 10:30 am	Joint w/MnM
	11:00 – 12:30 pm	Joint w/O&O
	11:00 – 12:30 pm	Joint w/Sec, CBCC
	11:00 – 3:00 pm	Joint w/CDS, CQI
Thursday	1:45 – 3:00 pm	Joint w/SD
	3:30 – 5:00 pm	Joint w/II
	3:30 – 5:00 pm	Joint w/PHER
	5:30 – 8:00 pm	Facilitators' Roundtable Dinner/Meeting – Joint w/MnM, Voc
Friday	7:30 – 9:00 am	MEETING
	9:00 – 10:30 am	FHIR Management Group, FHIR Governance Board
	11:00 – 12:30 pm	Joint w/MnM

★ FHIR® CLINICIANS CONNECTATHON

Friday	9:00 – 5:00 pm	MEETING
	12:30 – 1:30 pm	Luncheon

★ FHIR CONNECTATHON

Saturday	9:00 – 5:00 pm	MEETING
	12:30 – 1:30 pm	Luncheon
Sunday	9:00 – 12:30 pm	MEETING
	12:30 – 1:30 pm	Luncheon

★ FHIR/SOA IMPLEMENTATION CASE STUDY FORUM

Monday	1:45 – 5:00 pm	Forum
Wednesday	1:45 – 3:00 pm	Forum
	3:30 – 5:00 pm	Hosting: FHIR

FINANCIAL MANAGEMENT (FM)

Monday	1:45 – 5:00 pm	MEETING
Wednesday	1:45 – 5:00 pm	Hosting: FHIR
Thursday	11:00 – 3:00 pm	Joint w/PA

FIRST-TIME ATTENDEES' MEETINGS

Sunday	4:00 – 5:00 pm	ORIENTATION MEETING
Monday	7:00 – 8:00 am	ORIENTATION MEETING
	12:30 – 1:30 pm	Lunch Tables Reserved for Q & A
Tuesday	12:30 – 1:30 pm	Lunch Tables Reserved for Q & A

FOUNDATION TASK FORCE

Wednesday	11:00 – 12:30 pm	MEETING
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FRESH LOOK TASK FORCE

Monday	3:00 – 5:00 pm	MEETING
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GOVERNANCE AND OPERATIONS COMMITTEE (GOC)

Wednesday	11:00 – 12:30 pm	MEETING
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GS1 EDUCATION SESSION

Wednesday	7:00 – 7:45 am	Tracking and Tracing Vaccines and Immunization – the GS1 components of that project
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★ HL7 CONFORMANCE TESTING PROGRAM

Tuesday	9:00 – 10:30 am	Program
	3:30 – 5:00 pm	Program

★ HL7 PAYER SUMMIT

Thursday	9:00 – 5:00 pm	SUMMIT
Friday	9:00 – 12:15 pm	SUMMIT

HL7 TERMINOLOGY AUTHORITY

Friday	9:00 – 12:30 pm	MEETING
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HEALTH CARE DEVICES (Dev)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: GAS
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: FHIR
	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: MH
Thursday	9:00 – 5:00 pm	MEETING
Friday	9:00 – 3:00 pm	MEETING

IMAGING INTEGRATION (II)

Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/O&O, AP, Clin Gen
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: FHIR

IMPLEMENTABLE TECHNOLOGY SPECIFICATION (ITS)

Monday	3:30 – 5:00 pm	Hosting: FHIR
Tuesday	9:00 – 10:30 am	Joint w/SOA
	11:00 – 12:30 pm	Joint w/InM
	1:45 – 3:00 pm	Joint w/SD, MnM, V3 Publishing, Tooling
	3:30 – 5:00 pm	Joint w/InM, FHIR
Wednesday	9:00 – 12:30 pm	MEETING
	3:30 – 5:00 pm	Joint w/InM, FHIR
Thursday	9:00 – 10:30 am	MEETING
	1:45 – 5:00 pm	MEETING

INFRASTRUCTURE & MESSAGING (InM)

Tuesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: ITS
	1:45 – 3:00 pm	Hosting: CGIT
	3:30 – 5:00 pm	Hosting: ITS, FHIR
Wednesday	3:30 – 5:00 pm	Hosting: Voc
Thursday	9:00 – 10:30 am	Joint w/Voc, CGIT

INTERNATIONAL COUNCIL MEETING

Sunday	9:00 – 3:00 pm	MEETING
	12:30 – 1:30 pm	Lunch
Thursday	12:30 – 5:00 pm	Affiliate Chair or their Designated Rep Luncheon/Meeting

INTERNATIONAL MENTORING COMMITTEE (IMC)

Sunday	3:30 – 5:00 pm	MEETING
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📶 MOBILE HEALTH (MH)

Tuesday	9:00 – 10:30 am	Joint w/EHR
	5:15 – 6:30 pm	Information Session: Mobile Health Around the World
Wednesday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: FHIR
	3:30 – 5:00 pm	Joint w/Dev

MODELING & METHODOLOGY (MnM)

Sunday	1:45 – 3:00 pm	MEETING
Tuesday	9:00 – 10:30 am	MEETING
	1:45 – 3:00 pm	Joint w/SD, ITS, V3 Publishing, Tooling
Wednesday	9:00 – 10:30 am	Hosting: Voc
	11:00 – 12:30 pm	Hosting: Voc, FHIR
Thursday	9:00 – 10:30 am	Hosting: FHIR
	5:30 – 8:00 pm	Facilitators' Roundtable Dinner/Meeting – Joint w/FHIR, Voc
Friday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: FHIR

NETWORKING RECEPTION

Wednesday	5:15 – 7:15 pm	RECEPTION
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NURSES BREAKFAST/MEETING

Tuesday	7:00 – 8:00 am	MEETING
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OMG HEALTHCARE DOMAIN TASK FORCE

Thursday	9:00 – 5:00 pm	Hosting: SOA
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ORDERS & OBSERVATIONS (O&O)

Monday	1:45 – 3:00 pm	Hosting: FHIR
	3:30 – 5:00 pm	MEETING
Tuesday	9:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: II, AP, Clin Gen
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: FHIR
	1:45 – 3:00 pm	Joint w/CS
Friday	3:30 – 5:00 pm	MEETING
	9:00 – 10:30 am	MEETING

ORGANIZATION AND PROCESS ORIENTATION/INTRODUCTION

Sunday	5:00 – 6:00 pm	ORIENTATION/INTRODUCTION
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PATIENT ADMINISTRATION (PA)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: FHIR
	11:00 – 5:00 pm	MEETING
Wednesday	9:00 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	Hosting: PHER
	11:00 – 3:00 pm	Hosting: FM
	3:30 – 5:00 pm	MEETING

PATIENT CARE (PC)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: FHIR
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: CQI
	3:30 – 5:00 pm	Hosting: FHIR
Wednesday	9:00 – 10:30 am	Hosting: CH
	11:00 – 12:30 pm	Joint w/EHR, EC, CH, PHER, CIC, Pharm, CQI, BRIDG
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: SD, Templates
Friday	1:45 – 5:00 pm	MEETING
	9:00 – 10:30 am	Joint w/Templates, SD
	11:00 – 12:30 pm	MEETING

PHARMACY (Pharm)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	MEETING
	1:45 – 3:00 pm	Hosting: FHIR
	3:30 – 5:00 pm	Joint w/PHER
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/EHR, PC, EC, CH, PHER, CIC, CQI, BRIDG
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 5:00 pm	MEETING

PHYSICIANS BREAKFAST/MEETING

Wednesday	7:00 – 8:00 am	MEETING
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PLENARY MEETING

Monday	8:30 – 12:30 pm	MEETING
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POLICY ADVISORY COMMITTEE

Wednesday	9:00 – 10:30 am	MEETING
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PROCESS IMPROVEMENT COMMITTEE (PIC)

Monday	3:30 – 5:00 pm	MEETING
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PRODUCT LINE ARCHITECTURE PROGRAM

Wednesday	3:30 – 5:00 pm	MEETING
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PROJECT SERVICES

Thursday	1:45 – 3:00 pm	MEETING
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PUBLIC HEALTH & EMERGENCY RESPONSE (PHER)

Monday	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Joint w/SD
Tuesday	9:00 – 10:30 am	MEETING
	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: Pharm
Wednesday	11:00 – 12:30 pm	Joint w/EHR, PC, EC, CH, CIC, Pharm, CQI, BRIDG
	1:45 – 5:00 pm	MEETING
	9:00 – 10:30 am	Joint w/PA
Thursday	11:00 – 12:30 pm	Hosting: EC
	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: FHIR

MEETINGS

PUBLISHING

Tuesday	1:45 – 3:00 pm	Joint w/SD, ITS, MnM, Tooling
Wednesday	9:00 – 10:30 am	V2 – MEETING
	1:45 – 3:00 pm	V2 – Hosting: Voc
	1:45 – 3:00 pm	V3 – MEETING
Friday	11:00 – 12:30 pm	V3 – MEETING

REGULATED CLINICAL RESEARCH INFORMATION MANAGEMENT (RCRIM)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: CIC
	11:00 – 5:00 pm	MEETING

SECURITY (SEC)

Monday	1:45 – 5:00 pm	Joint w/CBCC
Tuesday	9:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Joint w/EHR, CBCC
	11:00 – 12:30 pm	Joint w/SOA
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: FHIR, CBCC
	1:45 – 5:00 pm	MEETING

SERVICES ORIENTED ARCHITECTURE (SOA)

Monday	1:45 – 5:00 pm	Hosting: FHIR/SOA Implementation Case Study Forum
Tuesday	9:00 – 10:30 am	Hosting: ITS
	11:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Hosting: FHIR
	11:00 – 12:30 pm	Hosting: Sec
	1:45 – 5:00 pm	Hosting: FHIR/SOA Implementation Case Study Forum
Thursday	9:00 – 5:00 pm	Joint w/OMG Healthcare Domain Task Force

STEERING DIVISIONS

Monday	7:00 – 8:30 pm	Domain Experts Foundation & Technology Structure & Semantic Design Technical & Support Services
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STRUCTURED DOCUMENTS (SD)

Monday	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: PHER
Tuesday	9:00 – 10:30 am	Joint w/CQI
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: ITS, MnM, V3 Publishing, Tooling
	3:30 – 5:00 pm	Hosting: FHIR
Wednesday	9:00 – 10:30 am	Joint w/CQI, CDS
Thursday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/PC, Templates
	1:45 – 3:00 pm	Hosting: FHIR
	3:30 – 5:00 pm	MEETING
Friday	9:00 – 10:30 am	Joint w/Templates, PC
	11:00 – 12:30 pm	MEETING

TSC MEETINGS

Saturday	9:00 – 5:00 pm	MEETING
Sunday	5:15 – 6:30 pm	MEETING
Wednesday	12:30 – 1:30 pm	Luncheon/Meeting
Thursday	12:30 – 1:30 pm	US Realm Task Force Luncheon/Meeting

TEMPLATES

Monday	1:45 – 3:00 pm	MEETING
Wednesday	1:45 – 5:00 pm	Joint w/CGIT, FHIR
Thursday	11:00 – 12:30 pm	Joint w/PC, SD
Friday	9:00 – 10:30 am	Hosting: PC, SD
	11:00 – 12:30 pm	MEETING

TOOLING

Tuesday	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/SD, ITS, MnM, V3 Publishing
	7:00 – 9:00 pm	Hosting: AID, FHIR
Wednesday	3:30 – 5:00 pm	Joint w/AID
Thursday	9:00 – 12:30 pm	MEETING

VOCABULARY (VOC)

Sunday – Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Joint w/MnM
	11:00 – 12:30 pm	Joint w/MnM, FHIR
	1:45 – 3:00 pm	Joint w/V2 Publishing
	3:30 – 5:00 pm	Joint w/InM
Thursday	9:00 – 10:30 am	Hosting: CGIT, InM
	11:00 – 12:30 pm	Hosting: CGIT
	1:45 – 5:00 pm	MEETING
	5:30 – 8:00 pm	Facilitators' Roundtable Dinner/Meeting – Joint w/FHIR, MnM

Meeting times and locations are subject to change.

NOTE: In compliance with our status as an ANSI-accredited standards development organization, anyone may register to attend HL7 meetings.

“EARLY BIRD” RATE DEADLINE — Advance meeting registration, including payment, is required by August 25, 2014 to receive the discounted rates. Otherwise the full fee structure will apply. Consult the registration form (pages 28-30) for a schedule of meeting fees.

TO REGISTER — Please complete the registration form on pages 28-30 and mail it (along with a check payable to Health Level Seven International in US funds ONLY) to:

Health Level Seven International
3300 Washtenaw Ave., Suite #227
Ann Arbor, MI 48104 USA

If paying by credit card, the registration may be faxed to: +1 (734) 677-6622

Online registration is also available via our website (www.HL7.org). For your convenience, you can pay via a credit card directly from the site or print the registration form and mail it along with payment. Advance registrations MUST include payment. No balance dues will be accepted and registrations received without payment will not be processed until the time that payment is received. Registrations received with payment by the Early Bird deadline will receive the Early Bird discount. Registrations where payment is not received by then will require the full registration fee. Advance registrations will be accepted until August 24. After that time, registrations can only be made on-site. All on-site registrations require payment in full at the time of registration.

CANCELLATION POLICY — Prepaid registrants who cancel prior to the Early Bird deadline will receive a full refund minus a \$50 processing fee. After that time, no refunds will be made.

TUTORIAL CANCELLATION — The tutorial schedule is subject to change. A tutorial may be cancelled if expected registration numbers are not met. If a tutorial is cancelled, pre-registrants will be notified via email. The registrant may select another tutorial or a full refund of the tutorial fee will be made. However, meeting registration fees will not be refunded.

NOTE: Meeting registrants are permitted to switch their tutorial selections up until the time that the tutorial materials are emailed to them. After that point, no exchanges will be allowed.

DRESS — The dress code is casual for all HL7 functions. Layered clothing is advised, as room temperatures vary.

MEALS — Continental breakfasts, refreshment breaks and lunches are included in the meeting registration fee and will be provided for all registered attendees Monday through Friday. Vegetarian and diabetic meals are available upon request. You must register for each day's lunch on your registration form in order to receive lunch tickets.

HOTEL INFORMATION — HL7's 28th Plenary and Working Group Meeting will be held at:

HILTON CHICAGO
720 South Michigan Avenue, Chicago, IL 60605
Hotel Phone Direct: +1 (312)922-4400
Hotel Fax: +1 (312)294-6891

To reserve your room, the hotel has set up a special website registration process just for HL7 meeting attendees. Attendees should log on to <https://resweb.passkey.com/go/HL72014> and simply follow the reservation instructions. Please note the group rate rooms are run of the house, which means the room type is based on the best available at check in, not prior to arrival. Room type will be available on the reservation form, but it is only a request. Requests will be noted and are based on availability.

You can also call the hotel directly for reservations at +1 (312) 922-4400. Be sure to mention Health Level Seven (HL7) or the Group Code HL72014 to receive the discounted room rate of \$229 per night for single or double occupancy, or \$190 per night, prevailing government rate, single or double occupancy. These rates will be offered three days prior and three days after the meeting dates, subject to availability of rooms at the time

of reservation. Discounted room rates are available only on reservations made before August 25, 2014. Room rates are subject to all applicable state and local taxes in effect at time of check in. Remember, there are a limited number of rooms available at the discounted rate, so reserve your room early.

If you need to cancel your room reservation, please do so 72 hours (three days) prior to your arrival date, and obtain a cancellation number. If you cancel within three days you will be charged one night reservation fee.

GROUND TRANSPORTATION — Chicago Midway International Airport (MDW) is 11 miles from the hotel. Chicago O'Hare International Airport (ORD) is 18 miles from the hotel.

From Midway:

TAXI SERVICE: Estimated taxi cost is \$30 - \$45, depending on traffic.

SHUTTLE SERVICE: \$23 one way, \$42 round trip – Reservations are not required. Upon arrival, locate the Go Airport Express desk (888-284-3826) located in the domestic baggage claim area. You can purchase your ticket there. They will direct you to the central shuttle departure area where shuttle vans depart every 30 minutes. Walk 0.1 mile south to 720 S. Michigan Ave.

Hours of operation: 6 AM – 10:00 PM

TRAINS: The Orange Line train is easily accessible at the airport. Locate the signs within the airport directing you to the CTA Rapid Transit Orange Line Train. Trains leave every few minutes. The cost is \$2.25. Take Orange Line from Midway Airport. Exit the train at Roosevelt Road. This will place you at Roosevelt Road and Wabash Ave. Walk north (keeping train tracks on your left side) on Wabash Ave. Walk approximately 5 blocks to 8th St. There is an entrance to the hotel facing 8th St.

From O'Hare:

TAXI SERVICE: Estimated taxi cost is \$45 - \$55, depending on traffic. Please note: traffic from O'Hare can be quite heavy, especially during rush hour.

SHUTTLE SERVICE: \$28 one way, \$51 round trip – Reservations are not required. Upon arrival, locate the Go Airport Express desk (888-284-3826) located in the domestic baggage claim area. You can purchase your ticket there. They will direct you to the central shuttle departure area where shuttle vans depart every 15 minutes. Walk 0.1 mile south to 720 S. Michigan Ave.

Hours of operation: 6 AM – 11:00 PM

Always allow 1-hour travel time. During rush hour traffic, allow 1-½ hours.

TRAINS: The Blue Line CTA train is easily accessible at the airport. Locate the signs within the airport directing you to the CTA Rapid Transit Blue Line Train. Trains leave every few minutes. The cost is \$2.25. Take Blue Line to Jackson. At Jackson use the underground tunnel to connect to Red Line. Take the Ride Red Line one stop south in direction 95th St/Dan Ryan to Harrison. Exit the train on Harrison onto State Street. Walk south (keep parking lots on your left side) on State Street to Balbo and take a left. Hotel entrance is one block east on the corner of Balbo and Wabash.

PLEASE BOOK YOUR ROOM AT THE HL7 MEETING HOTEL

HL7 urges all meeting attendees to secure their hotel reservation at the HL7 Working Group Meeting Host Hotel. This hotel has been contracted to provide the best rate and service to our HL7 meeting attendees, including the vast number of meeting rooms that HL7 uses. In order to secure the required meeting space, HL7 has a contractual obligation to fill our sleeping room blocks. If you make reservations at a different hotel, HL7 risks falling short on its obligation, which translates in HL7 paying additional costs (penalties) to the hotel. Should this occur, HL7 will likely be forced to pass these costs onto our attendees through increased meeting registration fees. Therefore, to help avoid such fee increases, we urge you to book your hotel room at our host hotel.

Thank you!

MEETING REGISTRATION FORM

1. Contact Information

End of day on August 25, 2014 is the deadline for Early Bird fees and hotel registrations. All advance registrations must be received by end of day on September 2, 2014. After this date, registrations can ONLY be made on-site with payment.

First Name	Last Name	
Title/Position	Organization	
Address		
City	State	Zip
Country		
Telephone	Fax	
Email	Nickname for Badge	

2. Survey & Information

I am a/an:

<input type="checkbox"/> Affiliate Chair	<input type="checkbox"/> Facilitator — Steering Division	<input type="checkbox"/> HL7 Work Group Co-Chair
<input type="checkbox"/> Facilitator — MnM	<input type="checkbox"/> First-Time WGM Attendee	<input type="checkbox"/> Past Board Chair
<input type="checkbox"/> Facilitator — Publishing	<input type="checkbox"/> HL7 Board Member	<input type="checkbox"/> Plenary Speaker
<input type="checkbox"/> Facilitator — Vocabulary	<input type="checkbox"/> HL7 Fellow	<input type="checkbox"/> Tutorial Speaker

I have been a member of HL7 for:

<input type="checkbox"/> 0-4 years	<input type="checkbox"/> 5-9 years	<input type="checkbox"/> 10-14 years	<input type="checkbox"/> 15-19 years	<input type="checkbox"/> 20+ years
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Primary employment type:

<input type="checkbox"/> Academia	<input type="checkbox"/> Consultant	<input type="checkbox"/> Government	<input type="checkbox"/> Healthcare Professional
<input type="checkbox"/> Payer	<input type="checkbox"/> Pharmacy	<input type="checkbox"/> Provider	<input type="checkbox"/> Vendor
<input type="checkbox"/> Other: _____			

☐ I am a member of an HL7 International Affiliate, employee of an HL7 organizational member or member of another eligible organization (ADA, ASC-X12, AHIP, ASTM, BioPharma Association Associate—SAFE, CEN/TC 251, CDISC, CHCF, Cientis Technologies, Inc., CLSI, CHA, DICOM, eHI, GS1, ICH, IEEE, IHE, IHTSDO, LOINC, NCPDP, OMG, The Health Story Project, WEDI) and eligible for the member rate.

Please list affiliate or organization: _____

☐ I am a full time student.

University attending: _____ Student # _____

Meal Requirements:

☐ Diabetic ☐ Regular ☐ Vegetarian ☐ Other: _____

Mail/Overnight

Health Level Seven International
3300 Washtenaw Ave., Suite #227
Ann Arbor, MI 48104 USA

Fax

+1 (734) 677-6622

Online

www.HL7.org

☐ I plan to attend the **International Council Meeting** (Sunday).

☐ I plan to attend the **HL7 Payer Summit** (Thursday & Friday) — **for payers only**. Please register below.

☐ I plan to attend the **Co-Chairs New WGM Room Request Application Training**.

Please select one of the following: _____ Thursday, 7:00 – 7:45am _____ Thursday, 1:00 – 1:30pm _____ Thursday, 5:30 – 6:15pm

Note: The time slots will be filled on a first-come / first-served basis.

3. Registration and Tutorial Fees:

You must register for either the ALL WEEK OPTION or the DAILY FEE in addition to any tutorials that you attend.

	Members		Non-Members		Amount Due
	Before 8/25	After 8/25	Before 8/25	After 8/25	
Sunday Meeting Fee: This fee must be included if you will be attending any of the Sunday meetings. This fee is in addition to the Monday-Friday option fee. This fee does not apply to those attending the First-Time Attendees' Orientation or the Organization and Process Orientation/Introduction.	<input type="checkbox"/> \$50	<input type="checkbox"/> \$50	<input type="checkbox"/> \$75	<input type="checkbox"/> \$75	\$ _____
Monday – Friday Option: Please register me for the entire week: Please note that the Monday-Friday Option does not include the cost of tutorials. Please register separately for any tutorials you would like to attend.	<input type="checkbox"/> \$770	<input type="checkbox"/> \$1,045	<input type="checkbox"/> \$1,155	<input type="checkbox"/> \$1,570	\$ _____
Per Day Fees: Please register me for the following days. <i>Please note that daily fees do not include the cost of tutorials. Please register separately for any tutorials you would like to attend.</i>	<input type="checkbox"/> \$220/day <input type="checkbox"/> \$290/day		<input type="checkbox"/> \$330/day <input type="checkbox"/> \$435/day		\$ _____
<input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Wednesday <input type="checkbox"/> Thursday <input type="checkbox"/> Friday	# _____ days attending x fee:				\$ _____

	Members	Non-Members	
FHIR Connectathon:	<input type="checkbox"/> Participant: \$195 <input type="checkbox"/> Observer: \$295	<input type="checkbox"/> Participant: \$295 <input type="checkbox"/> Observer: \$445	\$ _____
HL7 Payer Summit Only:	<input type="checkbox"/> \$400	<input type="checkbox"/> \$600	\$ _____

If you are already registering for Thursday and Friday at the meeting, do not choose this option; the fee to attend this function is already included in that price.

Deadline for Discounted Rates: Payment must be received by August 25, 2014 to qualify for the "Early Bird" rate. The full fee structure applies to all other registrations where payment is received after this date.

Cancellation/Refund Policy: Prepaid registrants who cancel prior to the Early Bird deadline will receive a full refund less a \$50 processing fee. After this date, no refunds will be given for ANY reason.

Payment Policy: Registrations for the meeting can only be paid for in US currency.

MEETING REGISTRATION FORM

All individuals who are employed by an HL7 gold or benefactor organization must have their key member contact Mary Ann Boyle at maryann@HL7.org if they wish to use their organization's free tutorial seats for this meeting.

Tutorial Fees: Please register me for the following tutorials: *Please note that you must also register for the days you are taking tutorials.*

SUNDAY




- ☐ **Track 4 – FHIR:** Developing FHIR Profiles – **FREE TUTORIAL for co-chairs and facilitators only (F1)** — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 6 – Information Forums:** First-Time Attendees' Orientation – **FREE TUTORIAL (F2)** — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 6 – Information Forums:** Tutorial Development Workshop – **FREE TUTORIAL (F3)** — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 6 – Information Forums:** Organization and Process Orientation/Introduction – **FREE TUTORIAL (F4)** — Must sign up to attend this tutorial (Please check the box.)

MONDAY

Morning Sessions

- ☐
- Track 6 – Information Forums:**
- First Time Attendees' Orientation –
- FREE TUTORIAL (F5)**
- Must sign up to attend this tutorial (Please check the box.)

Afternoon Sessions

 Track 3 – Special Topics: Standards for Interoperability (M1)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
 Track 4 – FHIR: Introduction to HL7 FHIR (M2)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
 Track 5 – Meaningful Use: Introduction to Health Quality Measure Format (M3)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

TUESDAY

Morning Sessions

- ☐ **Track 6 – Information Forums:** Glossary Management – **FREE TUTORIAL (F6)** — Must sign up to attend this tutorial (Please check the box.)

Track 1 – Version 2.x: Introduction to Version 2, Part 1: Control/Patient Administration (T4)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Track 2 – Version 3 and CDA: Introduction to Version 3, Part 1: Foundations (T5)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
★ Track 4 – FHIR: FHIR for Architects (T6)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

Afternoon Sessions

Track 1 – Version 2.x: Introduction to Version 2, Part 2: Orders and Observations (T7)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Track 2 – Version 3 and CDA: Introduction to Version 3, Part 2: Messaging (T8)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
★ Track 4 – FHIR: FHIR Profiling (T9)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

WEDNESDAY

Morning Sessions

- ☐ **Track 6 – Information Forums:** How to Design and Deliver an HL7 Tutorial – **FREE TUTORIAL (F7)** — Must sign up to attend this tutorial (Please check the box.)

Track 1 – Version 2.x: Version 2 Message Profiles and Conformance (W10)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Track 2 – Version 3 and CDA: Introduction to Clinical Document Architecture (W11)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
★ Track 4 – FHIR: Introduction to FHIR Development (W12)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

Afternoon Sessions

Track 2 – Version 3 and CDA: Clinical Document Architecture - Advanced (W13)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Track 3 – Special Topics: Vocabulary in HL7 - Foundations (W14)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
★ Track 5 – Meaningful Use: Meaningful Use Laboratory Implementation Guides (W15)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____



THURSDAY

Morning Sessions

- ☐
- Track 6 – Information Forums:**
- Newly Elected Co-Chair Training –
- FREE TUTORIAL (F8)**
- Must sign up to attend this tutorial (Please check the box.)

Track 2 – Version 2.x: Version 2.7 Certification Specialist Certification Test Preparation (TH16)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Track 3 – Version 3 and CDA: CDA Specialist Certification Test Preparation (TH17)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Track 5 – Meaningful Use: Quality Reporting Document Architecture (TH18)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

Afternoon Sessions

Track 3 – Special Topics: Authoring Value Set Content (TH19)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
 Track 5 – Meaningful Use: HL7 Standards for Meaningful Use (TH20)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
 Track 5 – Meaningful Use: Consolidated CDA®(TH21)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

Evening Sessions

Track 1 – Version 2.x: HL7 Version 2.7 Control Specialist Certification Test (TH22)	<input type="checkbox"/> \$199	<input type="checkbox"/> \$199	<input type="checkbox"/> \$350	<input type="checkbox"/> \$350	\$ _____
Track 2 – Version 3 and CDA: HL7 CDA Specialist Certification Test (TH23)	<input type="checkbox"/> \$199	<input type="checkbox"/> \$199	<input type="checkbox"/> \$350	<input type="checkbox"/> \$350	\$ _____
Track 2 – Version 3 and CDA: HL7 Version 3 RIM Certification Test (TH24)	<input type="checkbox"/> \$199	<input type="checkbox"/> \$199	<input type="checkbox"/> \$350	<input type="checkbox"/> \$350	\$ _____

Total Amount Due \$_____

4. Payment Information: Payment must be included in order to process your registration. Method of Payment (US Dollars, Drawn on US Bank Only)

- ☐ Check (Please make payable to: Health Level Seven International) Credit Card: ☐ Visa ☐ Master Card ☐ American Express ☐ Discover

Number: Expiration Date: Billing Street Address:

Name on Card (Please Print): _____ Signature: _____

UPCOMING WORKING GROUP MEETINGS



UPCOMING CO-CHAIR ELECTIONS

The following HL7 work groups will conduct co-chair elections at this working group meeting.

Work Group	# being elected
Anatomic Pathology	1
Application Implementation & Design	1
Clinical Decision Support	1
Clinical Genomics	1
Clinical Interoperability Council	1
Community Based Collaborative Care	1
Conformance & Guidance for Implementation/Testing	1
Electronic Health Records	1
Emergency Care	1
Financial Management	2
Health Care Devices	1
Infrastructure & Messaging	2
International Mentoring	1
Mobile Health	2
Modeling and Methodology	1
Orders and Observations	1
Public Health & Emergency Response	2
Security	1
Templates	1
Vocabulary	1

CHICAGO

Located on the shores of Lake Michigan, Chicago is home to the blues, world-class sports teams, an internationally acclaimed symphony orchestra, spectacular live theater, celebrated architecture, thousands of restaurants, fine museums and an array of shopping.

Visitors should plan on spending time at Chicago's Museum Campus. The scenic park conveniently joins the Adler Planetarium & Astronomy Museum, the Shedd Aquarium/Oceanarium, and the Field Museum of Natural History with easy access to all three locations.

In addition to world-renowned museums, Chicago is home to a variety of spectacular attractions including Navy Pier, the city's lakefront playground. Other compelling attractions include Buckingham Fountain at Grant Park, the Hancock Observatory, the Sears Tower Skydeck, Lincoln Park Zoo, and the Art Institute of Chicago.

Chicago truly is the great American City... from stunning architecture and world-famous museums to lakefront parks and vibrant neighborhoods, Chicago offers a range of attractions that keep visitors coming back again and again!

Copy and photos courtesy of the Chicago Convention and Tourism Bureau.

ILLINOIS

