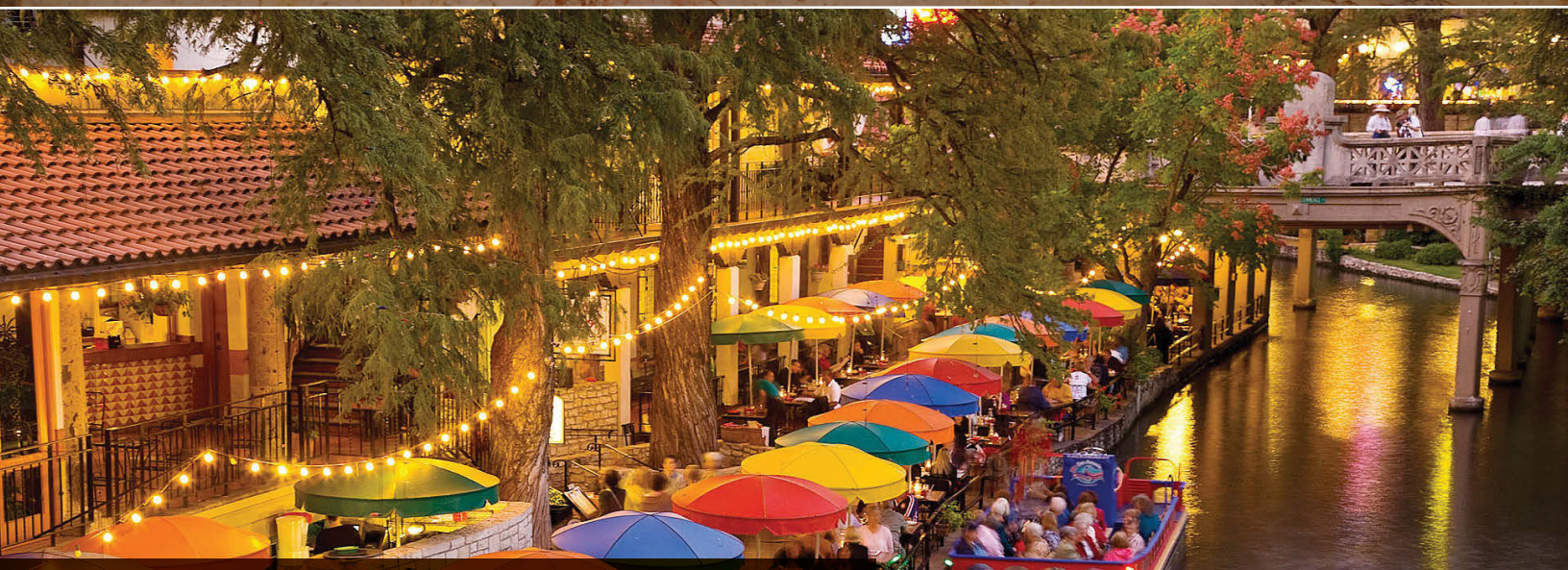
Health Level Seven® International

Unlocking the Power of Health Information

January Working Group Meeting

Hyatt Regency San Antonio on the Riverwalk

San Antonio, TX • January 19-24, 2014



Register Today!

Hotel Registration Cutoff—December 27, 2013
Early Bird Registration Cutoff—December 30, 2013
Online Registration Cutoff—January 6, 2014

NEW INITIATIVES

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

- Meaningful Use Stage 2 Tutorials
- FHIR®
- Consolidated CDA®
- Clinical Quality
- Mobile Health Activities

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THANK YOU TO OUR SPONSORS

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INTERFACEWARE
HL7 integration made easy

MONDAY PM COOKIE BREAK

Hi3 SOLUTIONS

WEDNESDAY PM COOKIE BREAK

gpi
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FACILITATOR'S ROUNDTABLE DINNER/MEETING (THURSDAY)

Beeler Consulting LLC

LETTER FROM THE CHAIR

Welcome to the January 2014 Working Group Meeting!

It is an honor and a pleasure for me to once again serve as HL7 International Chair. Thanks again to Don Mon for the tremendous leadership he has shown the organization over the past two years.

I'd like to take this opportunity to remind folks of my nominee profile, in particular, the areas I plan to focus on over the next two years.

Vision for HL7:
Standards are a prerequisite for functionality. My vision is to help the world recognize this fact, and recognize the foundational role that HL7 International plays in achieving this vision.

Overall, HL7 continues to make great strides, and when it comes to global communities of like minded individuals that want to define uses of health information technology to improve patient care, HL7 is unsurpassed.

Still, HL7 faces a number of challenges, in part made more acute by our increasingly prominent role in the interoperability landscape. My top two priorities will be:

1. **Internationalization:** There is no doubt in my mind that HL7 is strengthened through internationalization – vendors are looking for international standards and countries are looking to decrease the need for realm-specific localizations. HL7 needs to constantly strive to balance global needs with the needs of particular countries. Critical to the success of HL7 is to ensure equitable representation of all countries in our membership model, cost structures, and governance. Internationalization also means establishing closer ties with other international groups, such as IHTSDO and JIC, to further the development of globally applicable standards.

2. **Semantic Interoperability:** Over the past several years, HL7's priority has been to re-establish a sustainable financial model. That being accomplished, we can now refocus on building the best interoperability standards we can. Our current suite of standards is good, and our Technical Steering Committee (TSC) is driving continual improvement, but we recognize that many of our products have issues with ambiguity, lack of expressivity, potential for redundant representations, and implicit semantics. My plan as chair will be to work with the TSC and Board to operationalize our definition of semantic interoperability such that we can measure and therefore incrementally improve it, across our entire suite of standards.

I look forward to chatting with many of you during the week, to hear your thoughts on these and other priorities.

Robert H. Dolin

Robert H. Dolin, MD
Chair of the Board, 2014-2015, Health Level Seven® International

Affiliates: Gear Up for Computer Based Testing

Thursday, January 23, 2014 • 1:45 – 3:00 pm

Beginning January 2014, paper and pencil tests will no longer be provided to test-takers seeking HL7 certification. Instead all exams will be delivered as computer based tests. This session will prepare affiliates to offer Computer Based Certification Testing to constituents from their locations. Be prepared to complete a worksheet on how you plan to schedule testing sessions (days of week, time period set aside) and who will be tasked with proctoring.

Audience: This session is for affiliate representatives to learn how to gear up in order to participate in HL7 International's Computer-based Certification Testing network.

This event is FREE.

FHIR Connectathon

Saturday, January 18, 9:00 am – 5:00 pm • Sunday, January 19, 9:00 am – 12:30 pm

Member Participant: $195 / Member Observer $295
Non-member Participant: $295 / Non-member Observer: $445

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_5.

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.

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 Orders and Observations 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 20-23 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 6-16.

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

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 new flagship standard, 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 – HL7 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 – 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 5 – 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 five tracks.

Saturday, January 18

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

Sunday, January 19

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) Meeting
1:45 – 3:00pm Modeling & Methodology
1:45 – 5:00pm Vocabulary
3:30 – 5:00pm HL7 Activities with Other SDOs
3:30 – 5:00pm International Mentoring Committee
3:30 – 5:00pm Developing FHIR Profiles – FREE TUTORIAL
3:30 – 5:00pm How to Design and Deliver an HL7 Tutorial – FREE TUTORIAL
4:00 – 5:00pm First-Time Attendees' Orientation – FREE TUTORIAL
5:00 – 6:00pm Organization and Process Orientation/ Introduction – FREE TUTORIAL
5:15 – 6:30 pm TSC Meeting

Monday, January 20

7:00 – 8:00am First-Time Attendees' Orientation – FREE TUTORIAL
7:00 – 5:00pm REGISTRATION
7:30 – 8:30am Continental Breakfast
8:00 – 8:45am General Session – HL7 CEO and International Council Reports, Announcements
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 Introduction to HL7 FHIR
9:00 – 5:00pm Working Group Meetings
10:30 – 11:00am Morning Break
12:30 – 1:30pm Education Facilitators' Roundtable Luncheon/Meeting
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 Introduction to Version 2, Part 2: Orders and Observations
1:45 – 5:00pm Introduction to Version 3 Part 2: Messaging
1:45 – 5:00pm FHIR for Software Developers
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, January 21

7:00 – 8:00am First-Time Attendees' Orientation – FREE TUTORIAL
7:00 – 8:00am Glossary Management-Defining and 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 CTO and TSC Reports, Announcements
9:00 – 12:30pm Version 3 XML ITS for CDA
9:00 – 12:30pm Introduction to Common Terminology Services Standard 2
9:00 – 12:30pm Introduction to Integrating the Healthcare Enterprise
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
1:45 – 5:00pm Version 2 Message Profiles and Conformance
1:45 – 5:00pm Electronic Health Record System Functional Model
1:45 – 5:00pm Infobuttons for Clinical Decision Support
1:45 – 6:00pm Board of Directors' Meeting
3:00 – 3:30pm Afternoon Break

Wednesday, January 22

7:00 – 7:45am GS1 Identification keys and their attributes, as interacting with HL7
7:00 – 8:00am How to Design and 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 Board Report, Awards Presentations, Announcements
9:00 – 12:30pm Version 2.7 Control Specialist Certification Test Preparation
9:00 – 12:30pm Introduction to Clinical Document Architecture
9:00 – 12:30pm The Laboratory Orders/Results Interface
9:00 – 5:00pm Working Group Meetings
10:30 – 11:00am Morning Break
12:30 – 1:30pm TSC Luncheon/Meeting
1:45 – 3:00pm Product Line Architecture Program
1:45 – 5:00pm Clinical Document Architecture – Advanced
1:45 – 5:00pm Standards for Interoperability
1:45 – 5:00pm Immunization Messaging using HL7 Version 2.5.1
3:00 – 3:30pm Afternoon Break
3:30 – 5:00pm SAIF Architecture Program
5:15 – 7:15pm Networking Reception

Thursday, January 23

7:00 – 7:45am Newly Elected Co-Chair Training – FREE TUTORIAL
7:30 – 8:30am Continental Breakfast
7:30 – 5:00pm REGISTRATION
8:00 – 8:45am General Session – Announcements
9:00 – 12:30pm CDA Specialist Certification Test Preparation
9:00 – 12:30pm TermInfo - Using Standard Terminologies with HL7 Information Models
9:00 – 12:30pm Quality Reporting Document Architecture
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)**
1:45 – 5:00pm Introduction to UML: Using UML in Developing HL7 Specifications
1:45 – 5:00pm HL7 Standards for Meaningful Use
1:45 – 5:00pm Consolidated CDA
3:00 – 3:30pm Afternoon Break
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 – 8:00 pm MnM, FHIR & Vocab Facilitators' Roundtable

Friday, January 24

8:00 – 8:45am No General Session
8:00 – 9:00am Continental Breakfast
8:00 – 1:00pm Staff will be on hand for questions and assistance
9:00 – 12:30pm Working Group Meetings
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.

M1 – Introduction to Version 2, Part 1: Control/Patient Administration

Monday, January 20 / 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:

Mike Henderson, FHL7: Eastern Informatics

M4 – Introduction to Version 2, Part 2: Orders and Observations

Monday, January 20 / 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:

Hans Buitendijk, FHL7: Member, 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

T10 – Version 2 Message Profiles and Conformance

Tuesday, January 21 / 1:45 pm – 5:00 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 we can 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; Member, HL7 Architectural review Board; Principal Consultant, Shakir Consulting; Director - Research Informatics Architecture, City of Hope National Medical Center

W13 – Version 2.7 Control Specialist Certification Test Preparation

Wednesday, January 22 / 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.

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.

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:
Patrick Loyd: Co-Chair, Technical and Support Services Steering Division-HL7 Technical Steering Committee; Co-Chair, Education Work Group; Co-Chair, HL7 Orders and Observations Work Group; Co-Chair, HL7 Structured Documents Work Group, Sole Proprietor, ICode Solutions

TH25 – HL7 Version 2.7 Control Specialist Certification Test (Laptop Required)
Thursday, January 23 / 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

M2 – Introduction to Version 3, Part 1: Foundations
Monday, January 20 / 9:00 am – 12:30 pm

Introduction to Version 3 Foundations is a rigorous introduction to HL7's Version 3 standard. This class provides a foundation for further Version 3 study.

Included in the class is:
- General rationale for Version 3
- Explanation of Version 3's two key concepts: messaging and documents (CDA)
- Explanation of two key models of Version 3 essential to both documents and messaging: the Reference Information Model (RIM) and the Refined Message Information Model (RMIM)
- How to access the Version 3 publications

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:
- Understanding of the rationale for Version 3
- Core characteristics of Version 3 messages and documents
- Rudimentary understanding of HL7's Reference Information Model (RIM)
- Rudimentary understanding of Version 3 Refined Message Information Models (RMIM's) and the refinement process
- Ability 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:
Virginia Lorenzi: Manager, HIT Standards and Collaborations, New York-Presbyterian Hospital; Associate, Department of Biomedical Informatics, Columbia University

M5 – Introduction to Version 3, Part 2: Messaging
Monday, January 20 / 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 foundations class by explaining how to read the Version 3 publications with special focus on how the messaging paradigm is supported with the Version 3 standard. It explains the dynamic and static messaging components used to specify messaging in Version 3 and the general rules that apply to all messaging.

The Tutorial Will Benefit:
- Anyone who needs to read Version 3 messaging publications

- Anyone implementing Version 3 messaging
- Anyone interested in balloting or developing Version 3 standards
- 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 messaging 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
- Knowledge 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. 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

T7 – Version 3 XML ITS for CDA

Tuesday, January 21 / 9:00 am – 12:30 pm

Clinical Document Architecture (CDA) is represented in XML and uses the Version 3 data types. This tutorial covers the CDA XML and the data types from an implementer's perspective.

This Tutorial Will Benefit:

- Anyone who works with CDA in practice: Specification designers, analysts, and programmers

Upon Completion of This Tutorial, Students Will Know:

- The general design approach for the XML structure of a CDA document and the data types
- The key facts about the important data types
- What the actual CDA XML looks like, how it relates to the published models
- How to master the first implementation challenges and basic requirements
- How to avoid the most common implementation mistakes
- How to actually populate a CDA document with clinical content
- How to use CDA templates

Prerequisites:

- The course will assume that participants have basic XML skills, and general knowledge of the Version 3 RIM concepts and the Clinical Document Architecture

Faculty:

Kai U. Heitmann, MD, FHL7: Past Chair, HL7 Germany; Heitmann Consulting and Services

W14 – Introduction to Clinical Document Architecture

Wednesday, January 22 / 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. The session describes CDA projects supporting meaningful use in the United States as well as others in Europe and Asia/Pacific. It reviews the tools available for CDA creation, management and distribution; and current work on CDA, summary documents.

This Tutorial Will Benefit:

- Healthcare providers and exchange network architects considering CDA implementation
- Product managers considering support for CDA and those required to support it for meaningful use
- Public health officials and those with structured information reporting requirements
- Implementers of all kinds beginning to work with CDA

Prerequisites:

- Introduction to Version 3 (Part 1) recommended

Faculty:

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

W16 – Clinical Document Architecture – Advanced

Wednesday, January 22 / 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:
Robert Dolin, MD, FHL7 (Lead Speaker): Chair, HL7 International Board of Directors; Co-Chair, HL7 Structured Documents Work Group; Co-Editor, CDA; Physician; President and Chief Medical Officer, Lantana Consulting Group

Calvin Beebe (Co-Speaker): Treasurer, HL7 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

TH19 – CDA Specialist Certification Test Preparation
Thursday, January 23 / 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
- Participants are encouraged to carefully read the CDA Release 2 standard

Prerequisites:
- 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

TH26 – HL7 CDA Specialist Certification Test
(Laptop Required)
Thursday, January 23 / 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.

TH27 – HL7 Version 3 RIM Certification Test
(Laptop Required)
Thursday, January 23 / 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.

M3 – Introduction to HL7 FHIR®

Monday, January 20 /9:00 am – 12:30 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:

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

M6 – FHIR for Software Developers

Monday, January 20 / 1:45 pm – 5:00 pm

This tutorial delves deeper into the infrastructure parts of the FHIR specification. Get insight in 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 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:

- An Introduction to HL7 FHIR

Faculty:

Ewout Kramer: Chief architect and Manager of Research and Development, Furore

T8 – Introduction to the Common Terminology Services Standard 2

Tuesday, January 21 / 9:00 am – 12:30 pm

Common Terminology Services Standard 2 (CTS2) is an OMG standard for the query, interchange and update of terminological resources. The introductory tutorial is intended for those who are data architects and analysts. It will address and provide a baseline for implementers.

This Tutorial Will Benefit:

- Information architects, health informaticists and technical analysts

Upon Completion of This Tutorial, Students Will Know:

- The background and history for of the CTS 2 specification
- The ability to explain the role of terminology management within system development

Prerequisites:

- Knowledge of UML, CTS2 Specification
- Introduction to Vocabulary tutorial recommended, but not required

Faculty:

Craig Stancl (Lead- Speaker): Lead Analyst/Programmer, Mayo Clinic

Harold Solbrig (Co-Speaker): Senior Analyst/Programmer, Mayo Clinic

T11 –Electronic Health Record System Functional Model
Tuesday, January 21 / 1:45 pm – 5:00 pm

This informative tutorial and review provides an in-depth look at the American National Standards Institute (ANSI) and International Organization for Standardization (ISO) approved EHR System Functional Model (EHR-S FM), Release 1. The EHR-S FM includes conformance criteria, along with background information, including an overview of other EHR standards initiatives. The tutorial will also cover ongoing EHR Work Group projects such as the Personal Health Record, EHR Glossary, functional profiles, and the EHR Interoperability Model as well as EHR industry-related information such as EHR system certification efforts and health care information technology standards selection and usage efforts.

This Tutorial Will Benefit:
- Those seeking information on functionality and standardization of electronic health records
- Those looking to implement EHR systems, those wishing to evaluate EHR systems, or those that have an interest in garnering a bit of EHR system industry background information

Upon Completion of This Tutorial, Students Will Know:
- Background and status of the EHR System Functional Model as an ANSI and International Organizational for Standardization (ISO) standard
- Options to use the functional model for conformance and care setting profiles
- Background and status on HL7 and industry projects supporting EHR standards

Note: This tutorial focuses on functionality, not interoperability. While interoperability is a component of functionality, this tutorial is primarily focused on core functionality and not systems integration. The EHR-S is a functional standard and not a records/data standard.

Faculty:
Gary Dickinson, FHL7: Co-Chair, HL7 Electronic Health Records Work Group; Director, Healthcare Standards, CentriHealth

W17 – Standards for Interoperability
Wednesday, January 22 / 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 other 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; Co-Chair, HL7 Education Work Group; Co-Author and Coordinator, HL7 Fundamentals Course, Argentina; Chief Developer and Manager, Kern-IT SRL

TH20 – TermInfo – Using Standard Terminologies with HL7 Information Models
Thursday, January 23 / 9:00 am – 12:30 pm

The HL7 TermInfo 2 Project is specifying and updating standard guidelines for the interface between terminologies and HL7 information models. This tutorial looks at the way that both the standard terminologies and information models contribute to meeting the requirements of semantic interoperability in representing and communicating clinical information. The focus of the tutorial is using SNOMED CT in HL7 Version 3. However, the principles are more broadly applicable, and additional examples will be drawn from Version 2, CDA, and FHIR models, and the LOINC terminology, as they are being addressed in work toward future versions of the TermInfo standard. The relevant features of SNOMED CT are outlined and the gaps and overlaps between SNOMED CT and the HL7 Reference Information Model (RIM) regarding complete and unambiguous representation of meaning are summarized. This content is based on the current guidance from and proposed updates to the TermInfo Draft Standard for Trial Use (DSTU).

This Tutorial Will Benefit:
- Anyone interested in reproducible, processable communication of meaningful clinical information
- Anyone wishing to apply the HL7 TermInfo guidelines within an HL7 domain committee or an implementation of HL7 standards

Upon Completion of This Tutorial, Students Will Know:
- The primary ways in which representation of meaning in information models and terminologies may interact and overlap
- The key specific semantic properties of SNOMED CT related

to use with information models
- The general principles that can be applied to information models and terminologies to minimize ambiguity and ensure an effective, meaningful and processable representation of clinical information
- The specific recommendations from and proposed updates to the TermInfo DSTU

Prerequisites:
- Familiarity with one or more standard information models, including, but not limited to: HL7 V3, V2, CDA, and FHIR; openEHR Archetypes; and CIMI
- Familiarity with one or more standard clinical terminologies, including, but not limited to, SNOMED CT and LOINC
- Preferably bring issues or questions that you have encountered in using information models and terminologies together to represent and communicate clinical information

Faculty:
Rob Hausam: Co-Chair Vocabulary Work Group; Co-Chair Orders and Observations Work Group; TermInfo 2 Project Leader; Principal, Hausam Consulting

TH22 – Introduction to UML: Using UML in Developing HL7 Specifications
Thursday, January 23 / 1:45 pm – 5:00 pm

The Unified Modeling Language (UML) is a standard modeling language with a graphical syntax that is used in various aspects of standards development within HL7. It is also used in projects that implement HL7 specifications. This tutorial provides an overview of the essential UML elements and relationships as they are commonly used within HL7. Attendees will be able to read and understand the UML models being developed and start using the UML as a visual design tool within the HL7 Development Framework (HDF). Examples and exercises are drawn from recent HL7 work group projects.

This Tutorial Will Benefit:
- HL7 members using the UML as part of standards development or in developing solutions based on those standards

Upon Completion of This Tutorial, Students Will Be Able To:
- List the UML elements most relevant to HL7 standards development
- Understand how to relate UML structural elements to behavioral elements

Prerequisites:
- A desire to learn more about UML modeling

Faculty:
J.D. Baker: Sparx Systems Ambassador; Member of the OMG Architecture Board

Norman Daoust, FHL7: Author of "UML Requirements Modeling for Business Analysts"; Contributor to HL7 Reference Information Model (RIM) and HL7 Development Framework (HDF); Former HL7 Technical Steering Committee Secretary

T9 - Introduction to Integrating the Healthcare Enterprise
Tuesday, January 21 / 9:00 am – 12:30 pm

Integrating the Healthcare Enterprise (IHE) is an organization devoted to the promotion of standards-based interoperability in healthcare. The goal of IHE is to improve the effectiveness and efficiency of healthcare provider organizations, and the system developers that support them, through the value proposition of interoperability standards. The IHE process is use case driven, and includes development of implementation guides, hosting industry-wide interoperability testing events (Connectathons), and public demonstrations (such as the HIMSS Interoperability Showcase). IHE is a public-private collaboration of over 400 organizations, including professional societies, government agencies, standards developing organizations (including HL7), health IT system vendors and implementers. It operates through a dozen specialty domains and across all regions of the world; its profiles form the basis for many interoperability efforts at the departmental, institutional, regional, national, and international levels.

This tutorial will provide an overview of the IHE organization and its processes, the scope of use cases (profiles) addressed, and how those profiles are being used in real world implementations.

This Tutorial Will Benefit:
- Users of health IT systems (clinicians, public health, researchers) who have interoperability use cases that need to be addressed
- Healthcare administrators, system purchasers, and policy makers who need to understand the scope of what is available for interoperability, and how to leverage IHE profiles for effective system specification and procurement
- Product managers, software developers, and integration specialists for clinical information systems that need to interoperate with other systems

Upon Completion of This Tutorial, Students Will Understand:
- The value proposition for standards-based interoperability, and the challenges to implementation

- The IHE process for use case driven interoperability specification, testing, and deployment
- The IHE integration profiles for intra-institutional and cross-enterprise data exchange

Faculty:
Harry Solomon: Co-Chair, HL7 Imaging Integration Work Group; Interoperability Architect, GE Healthcare

T12 – Infobuttons for Clinical Decision Support
Tuesday, January 21 / 1:45 pm – 5:00 pm

This tutorial will describe how online reference resources can be integrated with EHR systems through the HL7 Context-Aware Information Retrieval Standard (also known as the Infobutton standard). The goal is to provide clinicians and their patients with seamless access to relevant information in the context of EHR use that can aid the decision-making process. The Infobutton standard is being rapidly adopted by EHR vendors and online medical knowledge publishers. The standard has been recently included as one of the requirements for EHR certification in the Meaningful Use Stage 2 Standards certification criteria.

This Tutorial Will Benefit:
- Users, implementers and developers of health IT solutions that need to integrate with patient or clinician focused reference content.

Upon Completion of This Tutorial, Students Will Know:
- Clinicians' information needs
- Impact of infobuttons on clinical decision-making
- Infobutton manager architecture
- The major components of an Infobutton request
- Patient demographics
- Search criteria
- Use of task contexts
- How to distinguish between patient and provider focused content
- How to map from Infobutton model elements to HTTP transactions
- Best practices for exchange of Infobutton resources

Prerequisites:
- Attendees should have a basic knowledge of HTTP and web-based transactions

Faculty:
Guilheme Del Fiol (Lead Speaker): Co-Chair, Clinical Decision Support Work Group; Assistant Professor, University of Utah

Howard Strasberg (Co-Speaker): Co-Chair, Clinical Decision Support Work Group; Vice-President of Medical Informatics, Wolters Kluwer Health – Clinical Solutions

W15 – The Laboratory Results Interface
Wednesday, January 22 / 9:00 am – 12:30 pm

The Laboratory Results Interface (LRI) is an HL7 2.5.1 Draft Standard for Trial Use (DSTU) developed in conjunction with the ONC Standards and Interoperability program. It is designed for communication of laboratory results to ambulatory EHR systems and can also be used to communicate to inpatient systems.

This Tutorial Will Benefit:
- Implementers and developers of health IT solutions
- Interface engineers that need to integrate EHR's with ambulatory reporting systems

Upon Completion of This Tutorial, Attendees Will Have Learned:
- The different kinds of lab results that can be exchanged using the standard, and the variations in messaging associated with each
- Additions to the standard that have been pre-adopted from HL7 Version 2.7.1 and the need for these in the standard, as well as how to use them
- Use of controlled vocabularies in the messages
- Differences between this standard and previous implementation guides that had been in use
- The different kinds of message profiles, and how to detect or conform to them
- How to validate conformance of messages to profiles used in the guide

Faculty:
Ken McCaslin FHL7: Co-Chair, HL7 Electronic Services Work Group; Co-Chair, HL7 Orders and Observations Work Group; Chair, HL7 Technical Steering Committee; Director, HealthCare Standards, Quest Diagnostics

Hans Buitendijk: Member, 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

W18 - Immunization Messaging Using HL7 Version 2.5.1
Wednesday, January 22 / 1:45 pm – 5:00 pm

The CDC Immunization Implementation Guide is based upon HL7 Version 2.5.1. It is designed to support communication of immunization data between health information systems, such as EHR systems and Immunization Information Systems (IIS).

This Tutorial Will Benefit:
- Implementers and developers of health IT solutions
- Interface engineers that need to integrate EHR's with immunization information systems

Upon Completion of This Tutorial, Students Will Know:

- The core data elements of immunization histories that should be supported
- The use cases supported by the messages in the implementation guide
- How to conform to the usage guidance in the implementation guide
- The differences between this guide and previous implementation guides that had been in use
- How to validate conformance of messages to the guide

Faculty:

Rob Savage: Co-Chair, Public Health and Emergency Response Work Group; Senior Information Technologist, Northrop Grumman

TH21 - Quality Reporting Document Architecture

Thursday, January 23 / 9:00 am – 12:30 pm

This tutorial will describe constraints on the Clinical Document Architecture Release 2 (CDA R2) header and body elements for Quality Reporting Document Architecture (QRDA) documents. QRDA is a document format that provides a standard structure with which to report quality measure data to organizations that will analyze and interpret the data. Quality measurement in healthcare is complex. Accurate, interpretable data efficiently gathered and communicated is key in correctly assessing that quality care is delivered.

The standard has been named as one of the requirements for EHR certification in the Meaningful Use Stage 2/3 standards certification criteria.

This Tutorial Will Benefit:

- Users, implementers and developers of health IT solutions that need to integrate with patient or clinician focused reference content

Upon Completion of This Tutorial, Students Will Know:

- How to use a standard structure with which to report quality measure data to organizations that will analyze and interpret the data

Faculty:

Gaye Dolin, MSN, RN: Chief Information Analyst, Lantana Consulting Group

TH23 – HL7 Standards for Meaningful Use

Thursday, January 23 / 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 healthcare 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 MU Track 4 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 Ambassador; Co-Chair, HL7 Mobile Health Work Group; Group Chairman & CEO, CAL2CAL Corporation

TH24 – Consolidated CDA

Thursday, January 23 / 1:45 pm – 5:00 pm

This tutorial will provide an overview of the clinical documents supported by the CDA Consolidation guide, including:
- Continuity of Care Document 1.1
- History and Physical
- Consult Note
- Discharge Summary
- Diagnostic Imaging Report
- Procedure Note
- Operative Note
- Progress Note
- Unstructured Document

This Tutorial Will Benefit:
- Users of systems designed to provide documentation of clinical encounters in a healthcare setting
- Administrators, system purchasers and policy makers in both the inpatient and outpatient setting who need to understand the HL7 specifications for clinical documentation used in those settings
- Product managers, software developers and integration specialists who are responsible for implementing solutions for clinical documentation

Upon Completion of This Tutorial, Students Will Know:
- History of and need for the CDA Consolidation Project
- How to read and understand the implementation guide
- Similarities and differences across document types in the guide
- Use cases for each of the document types

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

F1/F7 – How to Design and Deliver an HL7 Tutorial – FREE TUTORIAL

Sunday, January 19 / 3:30 pm – 5:00 pm
Wednesday, January 22 / 7:00 am – 8:00 am

This is an information session that 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 competencies to meet needs
- 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 proposal 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; SKMT Governance Committee, ISO Representative and Administrator of SKMT

F2/F6 – First-Time Attendees' Orientation – FREE TUTORIAL

Sunday, January 19 / 4:00 pm – 5:00 pm
Monday, January 20 / 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" 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:
Patrick Loyd: Co-Chair, Technical and Support Services Steering Division-HL7 Technical Steering Committee; Co-Chair, Education Work Group; Co-Chair, HL7 Orders and Observations Work Group; Co-Chair, HL7 Structured Documents Work Group; Sole Proprietor, ICode Solutions

Ken McCaslin, FHL7: Chair, HL7 Technical Steering Committee; Co-Chair, HL7 Electronic Services Work Group; Co-Chair, HL7 Orders and Observations Work Group; Director, HealthCare Standards, Quest Diagnostics

F3 – Organization and Process Orientation/ Introduction – FREE TUTORIAL

Sunday, January 19 / 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

F4 – Developing FHIR Profiles – FREE TUTORIAL

Sunday, January 19 / 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: Chief architect and Manager of Research and Development, Furore

F5 – Glossary Management-Defining and Managing the Terms Used by Healthcare SDOs – FREE TUTORIAL

Tuesday, January 21 / 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 Be Able To:
- Explain the purpose and utility of the SKMT
- Know how to find and register for access to the SKMT
- Explain the process for maintenance of the content for HL7 in the tool including SDO harmonization trials
- 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 RIM Based Application Architecture Work Group; Co-Chair, HL7 Implementation Technology Specifications; Co-Chair, HL7 Technical Steering Committee; HL7 Representative to SKMT Governance Committee

F8 – Newly Elected Co-Chair Training – FREE TUTORIAL

Thursday, January 23 / 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

TUTORIALS AT A GLANCE

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 Core											
Introduction to Version 2, Part 1: Control/Patient Administration	M1	Henderson		★							
Introduction to Version 2, Part 2: Orders & Observations	M4	Buitendijk			★						
Version 2 Message Profiles and Conformance	T10	Shakir					★				
Version 2.7 Control Specialist Certification Test Preparation	W13	Lloyd						★			
HL7 Version 2.7 Control Specialist Certification Test	TH25	HL7 Staff									5:30-7:30
Track 2—Version 3 and CDA Core											
Introduction to Version 3 Part 1: Foundations	M2	Lorenzi		★							
Introduction to Version 3 Part 2: Messaging	M5	Lorenzi			★						
Version 3 XML ITS for CDA	T7	Heitmann				★					
Introduction to Clinical Document Architecture	W14	Marquard						★			
Clinical Document Architecture — Advanced	W16	Dolin/Beebe							★		
CDA Specialist Certification Test Preparation	TH19	Beebe								★	
HL7 CDA Specialist Certification Test	TH26	HL7 Staff									5:30-7:30
HL7 Version 3 RIM Certification Test	TH27	HL7 Staff									5:30-7:30
Track 3—HL7 Special Topics											
Introduction to HL7 FHIR	M3	McKenzie		★							
FHIR for Software Developers	M6	Kramer			★						
Intro to Common Terminology Services Standard 2	T8	Stancl/Solbrig				★					
Electronic Health Record System Functional Model	T11	Dickinson					★				
Standards for Interoperability	W17	Kaminker							★		
TermInfo - Using Standard Terminologies with HL7 Information Models	TH20	Hausam								★	
Introduction to UML: Using UML in Developing HL7 Specifications	TH22	Baker/Daoust									★
Track 4—Meaningful Use											
Introduction to Integrating the Healthcare Enterprise	T9	Solomon				★					
Infobuttons for Clinical Decision Support	T12	Del Fiol/Strasberg					★				
The Laboratory Results Interface	W15	Buitendijk/McCaslin						★			
Immunization Messaging using HL7 Version 2.5.1	W18	Savage							★		
Quality Reporting Document Architecture	TH21	Dolin								★	
HL7 Standards for Meaningful Use	TH23	Datta									★
Consolidated CDA	TH24	Marquard									★
Track 5—Information Forums – FREE TUTORIALS											
How to Design and Deliver an HL7 Tutorial	F1/F7	Grain	Q4					7:00-8:00			
First-Time Attendees' Orientation	F2/F6	Loyd/McCaslin	4:00 - 5:00	7:00-8:00							
Organization and Process Orientation/Introduction	F3	Quinn	5:00-6:00								
Developing FHIR Profiles	F4	Kramer	Q4								
Glossary Management-Defining and Managing the Terms Used by Healthcare SDOs	F5	Grain/Stechishin				7:00-8:00					
Newly Elected Co-Chair Training	F8	Van Hentenryck								7:00-7:45	

Meetings Only—No Joint Sessions Listed

	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Activities with Other SDOs		Q4										
Affiliate Due Diligence Committee				Q4								
Anatomic Pathology					★	★						
Anesthesia				★	Q1							
Application Implementation and Design (formerly RIMBAA)				Q3				Q4		Q3		
Architectural review Board	★	★								Q4		
Arden Syntax					★	★						
Attachments			★	★	★	★	★	★	★	★		
Board of Directors' Meeting						1:45 – 6:00						
Child Health						★	★					
Clinical Decision Support							Q1	★	★	★		
Clinical Genomics					★	Q3	Q1	★				
Clinical Interoperability Council			★	★	Q1	Q4		★	★	★		
Clinical Quality Information			Q1	★		★	Q2	★	★	★		
Clinical Statement										Q3		
Co-Chair Information				Lunch & 5:15-7:00		Lunch			7:00-7:45			
Community Based Collaborative Care				★	Q2	★	Q2	★				
Conformance & Guidance for Implementation/Testing			★	★	★	Q4		Q4				
DICOM WG-10											Q1	Q4
Education				Lunch ★					★			
Electronic Health Records			★	★	★	★	★	★	★			
Electronic Services									★			
Emergency Care			★	Q3	★	★						
Facilitators' Roundtable Dinner/Meeting										5:30 – 8:00		
FHIR Connectathon (Note: There is also a meeting scheduled for Saturday, 1/18, 9:00-5:00 pm)	★											
Fast Healthcare Interoperability Resources		Lunch	Q1 Lunch							5:30-8:00	Q1	
Financial Management				★				★				
First-Time Attendees' Orientation		4:00-5:00	7:00-8:00	Lunch		Lunch						
Foundation Task Force								Q3				
General Session			8:00-8:45		8:00-8:45		8:00-8:45		8:00-8:45		No General Session	
Governance and Operations Committee							Q2					
GS1 Identification keys and their attributes, as interacting with HL7							7:00-7:45					
Health Care Devices			★	★	★	★	★	★	★	★	★	
Imaging Integration							Q1	★	★	★		

MEETINGS AT A GLANCE

Meetings Only—No Joint Sessions Listed

	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Implementable Technology Specification			★	★			★		★	★		
Infrastructure & Messaging					★	★		Q4				
International Council	★	Lunch & Q3								12:30 - 5:00		
International Mentoring Committee		Q4										
Mobile Health							★	Q3				
Modeling & Methodology		Q3	Q1		★		★		Q1	5:30 - 8:00	Q2	
Networking Reception								5:15 - 7:15				
Nurses Breakfast/Meeting					7:00 - 8:00							
Orders & Observations			★	★	★	★	★	★	★	Q4	Q1	
Organization and Process Orientation/ Introduction		5:00 - 6:00										
Organizational Relations Committee									Q2			
Patient Administration			★	★	★	★	★	Q4	★	★		
Patient Care			★	★	★	★	Q1	★	Q2	Q4	7:30 - 9:00 Q2	
Pharmacy			★	★	Q1	★	Q1	★	★	★	★	
Physicians Breakfast/Meeting							7:00 - 8:00					
Policy Advisory Committee							Q1					
Process Improvement Committee									Q1			
Product Line Architecture								Q3				
Project Services										Q3		
Public Health Emergency Response			★	Q3	Q1	★	Q1	★	Q2	★		
Publishing							Q1 - V2	Q3 - V2 Q3 - V3			Q2 - V3	
Regulated Clinical Research Information Management				Q4	★	★	★	Q3				
SAIF Architecture Program								Q4				
Security					★	★		★	★	★		
Services Oriented Architecture				★	★	★		Q4	★	Q3		
Steering Divisions: Domain Experts Foundation & Technology Structure & Semantic Design Technical & Support Services				7:00 - 8:30								
Structured Documents			★	★	★	★	★	★	★	★	★	
TC215 WG-2											★	★
TSC Meetings (Note: There is also a meeting scheduled for Saturday, 1/18, 9:00-5:00 pm)		5:15 - 6:30						Lunch/ Meeting		Lunch/ Meeting		
Templates			Q1								★	
Tooling					★	7:00 - 9:00			★			
Vocabulary		★	★	★	★	★			★	★ 5:30 - 8:00	★	

Q1 = 9:00 – 10:30 am; Q2 = 11:00 – 12:30 pm; Q3 = 1:45 – 3:00 pm; Q4 = 3:30 – 5:00 pm DISCLAIMER: Meeting times are subject to change.

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 – 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

GENERAL SESSION ROOM

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

Monday	8:00 – 8:45 am	HL7 CEO and International Council Reports, Announcements
Tuesday	8:00 – 8:45 am	HL7 CTO and TSC Reports, Announcements
Wednesday	8:00 – 8:45 am	Board Report, 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.

ACTIVITIES WITH OTHER SDOs

Sunday	3:30 – 5:00 pm	MEETING

AFFILIATE DUE DILIGENCE COMMITTEE

Monday	3:30 – 5:00 pm	MEETING

ANATOMIC PATHOLOGY (AP)

Tuesday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: Clin Gen
Wednesday	11:00 – 12:30 pm	Joint w/O&O, II, Clin Gen

ANESTHESIA (GAS)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/PC
	3:30 – 5:00 pm	Joint w/Dev

APPLICATION IMPLEMENTATION AND DESIGN (AID) formerly RIMBAA

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

ARCHITECTURAL review BOARD (ArB)

Sunday	9:00 – 5:00 pm	MEETING
Thursday	3:30 – 5:00 pm	MEETING

ARDEN SYNTAX (AS)

Tuesday	9:00 – 5:00 pm	MEETING

ATTACHMENTS

Monday – Thursday	9:00 – 5:00 pm	MEETING

BOARD OF DIRECTORS' MEETING

Tuesday	1:45 – 6:00 pm	MEETING

CHILD HEALTH (CH)

Tuesday	1:45 – 5:00 pm	MEETING
Wednesday	9:00 – 12:30 pm	MEETING

CLINICAL DECISION SUPPORT (CDS)

Wednesday	11:00 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: FHIR
	1:45 – 5:00 pm	MEETING

CLINICAL GENOMICS (Clin Gen)

Tuesday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Joint w/AP
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)

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

CLINICAL QUALITY INFORMATION (CQI)

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

CLINICAL STATEMENT (CS)

Thursday	1:45 – 3:00 pm	Hosting: O&O, PC

CO-CHAIR INFORMATION

Monday	5:15 – 7:00 pm	Co-Chairs Dinner/Meeting

(Open Meeting, however open for dinner ONLY to Co-Chairs. 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

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, SOA
	11:00 – 5:00 pm	MEETING

MEETINGS

CONFORMANCE & GUIDANCE FOR IMPLEMENTATION/TESTING (CGIT)

Monday	9:00 – 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	3:30 – 5:00 pm	Hosting: FHIR
Thursday	9:00 – 10:30 am	Joint w/Voc

DICOM WG-10

Friday	9:00 – 10:30 am	MEETING
	11:00 – 3:00 pm	Joint w/ TC215 WG-2
	3:30 – 5:00 pm	MEETING

DICOM WG-27

Thursday	9:00 – 3:00 pm	Joint w/II
	3:30 – 5:00 pm	Joint w/II, FHIR

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	9:00 – 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, SOA
	11:00 – 12:30 pm	Hosting: PHER, CIC, PC
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 12:30 pm	MEETING

ELECTRONIC SERVICES (ES)

Thursday	9:00 – 12:30 pm	MEETING

EMERGENCY CARE (EC)

Monday	9:00 – 3:00 pm	MEETING
Tuesday	9:00 – 5:00 pm	MEETING
Thursday	11:00 – 12:30 pm	Joint w/PHER

FACILITATORS' ROUNDTABLE DINNER/MEETING

Thursday	5:30 – 8:00 pm	Hosting: MnM, Voc, FHIR

FHIR CONNECTATHON

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

FAST HEALTHCARE INTEROPERABILITY RESOURCES (FHIR)

Sunday	12:30 – 1:30 pm	FHIR Management Group, FHIR Governance Board Luncheon/Meeting
Monday	9:00 – 10:30 am	FHIR Governance Board Meeting
	11:00 – 12:30 pm	Joint w/ITS
	12:30 – 1:30 pm	FHIR Management Group Luncheon/Meeting
	3:30 – 5:00 pm	Joint w/ITS, MnM
Tuesday	9:00 – 10:30 am	Joint w/SOA, ITS
	9:00 – 3:00 pm	Joint w/PA
	11:00 – 12:30 pm	MEETING
	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
	7:00 – 9:00 pm	Joint w/Tooling, AID
Wednesday	9:00 – 10:30 am	Joint w/O&O
	9:00 – 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 – 3:00 pm	Joint w/FM
	3:30 – 5:00 pm	Joint w/CGIT
	3:30 – 5:00 pm	Joint w/Clin Gen
Thursday	9:00 – 10:30 am	Joint w/MnM
	9:00 – 10:30 am	Joint w/Sec
	11:00 – 12:30 pm	Joint w/CDS
	11:00 – 12:30 pm	Joint w/O&O
	1:45 – 3:00 pm	Joint w/SD
	3:30 – 5:00 pm	Joint w/II, DICOM WG27
	3:30 – 5:00 pm	Joint w/PHER
	5:30 – 8:00 pm	FACILITATORS' ROUNDTABLE DINNER/ MEETING – Joint w/MnM, Voc
Friday	9:00 – 10:30 am	FHIR Management Group and FHIR Governance Board Meeting
	11:00 – 12:30 pm	Joint w/MnM
	11:00 – 12:30 pm	Joint w/SD
	11:00 – 12:30 pm	Joint w/PC

FINANCIAL MANAGEMENT (FM)

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

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	1:45 – 3:00 pm	MEETING

GOVERNANCE AND OPERATIONS COMMITTEE (GOC)

Wednesday	11:00 – 12:30 pm	MEETING

GS1 EDUCATION SESSION

Wednesday	7:00 – 7:45 am	GS1 Identification keys and their attributes, as interacting with HL7

HEALTH CARE DEVICES (Dev)

Monday	9:00 – 5:00 pm	MEETING
Tuesday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: GAS
Wednesday	9:00 – 10:30 pm	MEETING
	11:00 – 12:30 pm	Hosting: FHIR
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: MH
Friday	9:00 – 12:30 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	Hosting: DICOM WG-27
	3:30 – 5:00 pm	Hosting: DICOM WG-27, FHIR

IMPLEMENTABLE TECHNOLOGY SPECIFICATION (ITS)

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

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

MARKETING COUNCIL

Tuesday	11:00 – 12:30 pm	MEETING

MOBILE HEALTH (MH)

Tuesday	9:00 – 10:30 am	Joint w/EHR
Wednesday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: FHIR
Thursday	3:30 – 5:00 pm	Joint w/Dev

MODELING & METHODOLOGY (MnM)

Sunday	1:45 – 3:00 pm	MEETING
Monday	9:00 – 10:30 am	MEETING
	1:45 – 3:00 pm	Joint w/ITS
	3:30 – 5:00 pm	Joint w/ITS, FHIR
Tuesday	9:00 – 12:30 pm	MEETING
Wednesday	9:00 – 12:30 pm	Hosting: Voc, FHIR
Thursday	9:00 – 10:30 am	Hosting: FHIR
	5:30 – 8:00 pm	FACILITATORS' ROUNDTABLE DINNER/MEETING – Joint with Voc, FHIR
Friday	11:00 – 12:30 pm	Hosting: FHIR

NETWORKING RECEPTION

Wednesday	5:15 – 7:15 pm	RECEPTION

NURSES BREAKFAST/MEETING

Tuesday	7:00 – 8:00 am	MEETING

ORDERS & OBSERVATIONS (O&O)

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

ORGANIZATION AND PROCESS ORIENTATION/INTRODUCTION

Sunday	5:00 – 6:00 pm	ORIENTATION/INTRODUCTION

ORGANIZATIONAL RELATIONS COMMITTEE (ORC)

Thursday	11:00 – 12:30 pm	MEETING

PATIENT ADMINISTRATION (PA)

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

PATIENT CARE (PC)

Monday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: CQI
	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: GAS
	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: FHIR
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/EHR, PHER, CIC
	1:45 – 3:00 pm	Hosting: PA, SOA
	3:30 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	Joint w/O&O
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/CS, O&O
	3:30 – 5:00 pm	MEETING
Friday	7:30 – 9:00 am	MEETING
	9:00 – 10:30 am	Joint w/Templates, Tooling
	11:00 – 12:30 pm	Hosting FHIR

PHARMACY (Pharm)

Monday	9:00 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/O&O

PHARMACY (Pharm) (continued)

Tuesday (continued)	1:45 – 3:00 pm	Hosting: FHIR
	3:30 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	MEETING
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 5:00 pm	MEETING
Friday	9:00 – 12:30 pm	MEETING

PHYSICIANS BREAKFAST/MEETING

Wednesday	7:00 – 8:00 am	MEETING

POLICY ADVISORY COMMITTEE

Wednesday	9:00 – 10:30 am	MEETING

PROCESS IMPROVEMENT COMMITTEE (PIC)

Thursday	9:00 – 10:30 am	MEETING

PRODUCT LINE ARCHITECTURE PROGRAM

Wednesday	1:45 – 3:00 pm	MEETING

PROJECT SERVICES

Thursday	1:45 – 3:00 pm	MEETING

PUBLIC HEALTH & EMERGENCY RESPONSE (PHER)

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

PUBLISHING

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	3:30 – 5:00 pm	MEETING
Tuesday	9:00 – 5:00 pm	MEETING
Wednesday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Joint w/CIC

SAIF ARCHITECTURE PROGRAM

Wednesday	3:30 – 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, SOA
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	Hosting: FHIR
	11:00 – 5:00 pm	MEETING

SERVICES ORIENTED ARCHITECTURE (SOA)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: ITS, FHIR
	11:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Joint w/ EHR, Sec, CBCC
	1:45 – 3:00 pm	Joint w/PC, PA
	3:30 – 5:00 pm	MEETING
Thursday	9:00 – 3:00 pm	MEETING

STEERING DIVISIONS

Monday	7:00 – 8:30 pm	Domain Experts Foundation & Technology Structure & Semantic Design Technical & Support Services

STRUCTURED DOCUMENTS (SD)

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

TC215 WG-2

Friday	9:00 – 10:30 am	MEETING
	11:00 – 3:00 pm	Hosting: DICOM WG-10
	3:30 – 5:00 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	9:00 – 10:30 am	MEETING
Friday	9:00 – 10:30 am	Hosting: PC, Tooling
	11:00 – 12:30 pm	MEETING

TOOLING

Tuesday	9:00 – 12:30 pm	MEETING
	7:00 – 9:00 pm	Hosting: AID, FHIR
Thursday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/AID
Friday	9:00 – 12:30 pm	Joint w/Templates, PC

VOCABULARY (Voc)

Sunday	1:45 – 5:00 pm	MEETING
Monday – Tuesday	9:00 – 5:00 pm	MEETING
Wednesday	9:00 – 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 – 12:30 pm	Hosting: CGIT
	1:45 – 5:00 pm	MEETING
	5:30 – 8:00 pm	FACILITATORS' ROUNDTABLE DINNER/MEETING – Joint w/MnM, FHIR
Friday	9:00 – 12:30 pm	MEETING

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.

GENERAL INFORMATION

"EARLY BIRD" RATE DEADLINE

Advance meeting registration, including payment, is required by December 30, 2013 to receive the discounted rates. Otherwise the full fee structure will apply. Consult the registration form (pages 25-26) for a schedule of meeting fees. Special note: The Early Bird rate is available at all times to employees of HL7 benefactor organizations as a benefit of their membership.

TO REGISTER

Please complete the registration form on pages 25-26 and mail it (along with a check payable to Health Level Seven International in U.S. 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 January 6. 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. Special 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 International's January 2014 Working Group Meeting will be held at:

Hyatt Regency San Antonio on the Riverwalk
123 Losoya Street, San Antonio, TX 78205
+1 (210) 222-1234 phone
+1 (210) 227-4925 fax

To reserve your room, the hotel has set up a special website registration process just for HL7 International attendees. Attendees should log on to https://resweb.passkey.com/go/2014HL7 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. You will see the room type on the registration form, but it is only a request. Requests will be noted and based on availability.

You can call reservations directly at +1 888-421-1442. Be sure to mention Health Level Seven International to receive the discounted room rate of $179 per night 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. Remember, there are a limited number of rooms available at the discounted rate, so reserve your room early. The hotel cut-off date is December 27, 2013. Room rates are subject to all applicable state and local taxes in effect at time of check in. 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 the three days, you will be charged one night reservation fee.

For those making a reservation under the government rate of $110, log on to the same website and click Government under Room Type. There are also a limited number of government rooms available at the discounted rate so reserve your room early.

GROUND TRANSPORTATION AND PARKING

The Hyatt Regency San Antonio is approximately 8.5 miles from the San Antonio International Airport.

TAXI

From the airport is approximately $25 one-way per car (does not include tip). Seating and luggage: 6 passengers; amount of luggage depends on size of bags. Pick up is on the lower level of the airport.

PARKING

The Hyatt Regency San Antonio offers self-parking as well as Valet parking for hotel guests in the Central Parking Garage located across the street from the main hotel entrance. Valet parking is available at the hotels front entrance. The garage features 300 hotel parking spaces; including (10) handicapped parking zones and has 6'9" clearance.

PLEASE BOOK YOUR ROOM AT THE HL7 MEETING HOTEL

HL7 urges all meeting attendees to secure their resort reservation at the HL7 Working Group Meeting Host Hotel. This resort 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 resort room at our host hotel. Thank you!

MEETING REGISTRATION FORM

1. Contact Information

End of day on December 30, 2013 is the deadline for Early Bird fees and hotel registrations. All advance registrations must be received by end of day on January 6, 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:

- ☐ Affiliate Chair
- ☐ Facilitator — MnM
- ☐ Facilitator — Publishing
- ☐ Facilitator — Vocabulary
- ☐ Facilitator — Steering Division
- ☐ First-Time WGM Attendee
- ☐ HL7 Board Member
- ☐ HL7 Work Group Co-Chair
- ☐ Past Board Chair
- ☐ Tutorial Speaker
- ☐ Plenary Speaker
- ☐ HL7 Fellow

I have been a member of HL7 for : ☐ 0-4 years ☐ 5-9 years ☐ 10-14 years ☐ 15-19 years ☐ 20+ years

Primary employment type: ☐ Academia ☐ Consultant ☐ Government ☐ Healthcare Professional ☐ Payer ☐ Pharmacy ☐ Provider ☐ Vendor ☐ 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: _____

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

Deadline for Discounted Rates: Payment must be received by December 30, 2013 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.

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 Before 12/30	Members After 12/30	Non-Members Before 12/30	Non-Members After 12/30	Amount Due
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.	☐ $50	☐ $50	☐ $75	☐ $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.*	☐ $770	☐ $1,045	☐ $1,155	☐ $1,570	$ _____
Per Day Fees: Please register me for the following days. *Please note that daily fees do not include the cost of tutorials. Please register separately for any tutorials you would like to attend.*	☐ $220/day	☐ $290/day	☐ $330/day	☐ $435/day	$ _____

☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday _____ days attending x fee: $ _____

	Members		Non-Members		
FHIR Connectathon:	☐ Participant: $195	☐ Observer: $295	☐ Participant: $295	☐ Observer: $445	$ _____

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

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 tutorials 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 5 – Information Forums:** How to Design and Deliver an HL7 Tutorial – **FREE TUTORIAL** (F1) — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 5 – Information Forums:** First-Time Attendees' Orientation – **FREE TUTORIAL** (F2) — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 5 – Information Forums:** Organization and Process Orientation/Introduction – **FREE TUTORIAL** (F3) — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 5 – Information Forums:** Developing FHIR Profiles– **FREE TUTORIAL** (F4) — Must sign up to attend this tutorial (Please check the box.)

MONDAY

	Members Before 12/30	Members After 12/30	Non-Members Before 12/30	Non-Members After 12/30	AMOUNT DUE
Morning Sessions					
☐ **Track 5 – Information Forums:** First Time Attendees' Orientation – **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 (M1)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 2 – Version 3 and CDA: Introduction to Version 3 Part 1: Foundations (M2)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
★ **Track 3 – Special Topics:** Introduction to HL7 FHIR (M3)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Afternoon Sessions					
Track 1 – Version 2.x: Introduction to Version 2, Part 2: Orders and Observations (M4)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 2 – Version 3 and CDA: Introduction to Version 3 Part 2: Messaging (M5)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
★ **Track 3 – Special Topics:** FHIR for Software Developers (M6)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____

TUESDAY

Morning Sessions					
☐ **Track 5 – Information Forums:** Glossary Management – **FREE TUTORIAL** (F5) — Must sign up to attend this tutorial (Please check the box.)					
Track 2 – Version 3 and CDA: Version 3 XML ITS for CDA (T7)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 3 – Special Topics: Introduction to Common Terminology Services Standard 2 (T8)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
★ **Track 4 – Meaningful Use:** Introduction to Integrating the Healthcare Enterprise (T9)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Afternoon Sessions					
Track 1 – Version 2.x: Version 2 Message Profiles and Conformance (T10)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 3 – Special Topics: Electronic Health Record System Functional Model (T11)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
★ **Track 4 – Meaningful Use:** Infobuttons for Clinical Decision Support (T12)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____

WEDNESDAY

Morning Sessions					
☐ **Track 5 – 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 2.7 Control Specialist Certification Test Preparation (W13)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 2 – Version 3 and CDA: Introduction to Clinical Document Architecture (W14)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
★ **Track 4 – Meaningful Use:** The Laboratory Results Interface (W15)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Afternoon Sessions					
Track 2 – Version 3 and CDA: Clinical Document Architecture - Advanced (W16)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 3 – Special Topics: Standards for Interoperability (W17)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
★ **Track 4 – Meaningful Use:** Immunization Messaging using HL7 Version 2.5.1 (W18)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____

THURSDAY

Morning Sessions					
☐ **Track 5 – Information Forums:** Newly Elected Co-Chair Training – **FREE TUTORIAL** (F8) – Must sign up to attend this tutorial (Please check the box.)					
Track 2 – Version 3 and CDA: CDA Specialist Certification Test Preparation (TH19)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 3 – Special Topics: TermInfo - Using Standard Terminologies (TH20)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
★ **Track 4 – Meaningful Use:** Quality Reporting Document Architecture (TH21)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Afternoon Sessions					
Track 3 – Special Topics: Introduction to UML (TH22)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 4 – Meaningful Use: HL7 Standards for Meaningful Use (TH23)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Track 4 – Meaningful Use: Consolidated CDA (TH24)	☐ $110	☐ $215	☐ $325	☐ $490	$ _____
Evening Sessions					
Track 1 – Version 2.x: HL7 Version 2.7 Control Specialist Certification Test (TH25)	☐ $199	☐ $199	☐ $350	☐ $350	$ _____
Track 2 – Version 3 and CDA: HL7 CDA Specialist Certification Test (TH26)	☐ $199	☐ $199	☐ $350	☐ $350	$ _____
Track 2 – Version 3 and CDA: HL7 Version 3 RIM Certification Test (TH27)	☐ $199	☐ $199	☐ $350	☐ $350	$ _____

Total Amount Due $_____

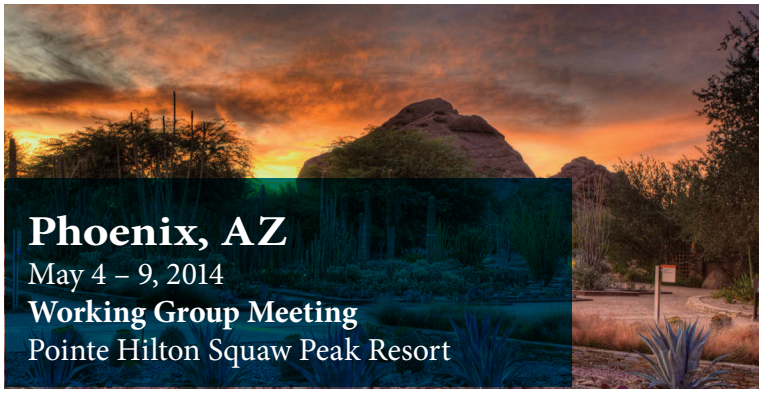
4. Payment Information: Payment must be included in order to process your registration. Method of Payment (US Dollars, Drawn on US Bank Only)

☐ 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



Phoenix, AZ
May 4 – 9, 2014
Working Group Meeting
Pointe Hilton Squaw Peak Resort

Chicago, IL
September 14 – 19, 2014
28th Annual Plenary & Working Group Meeting
Hilton Chicago Hotel

San Antonio
January 18 – 23, 2015
Working Group Meeting
Hyatt Regency San Antonio on the Riverwalk

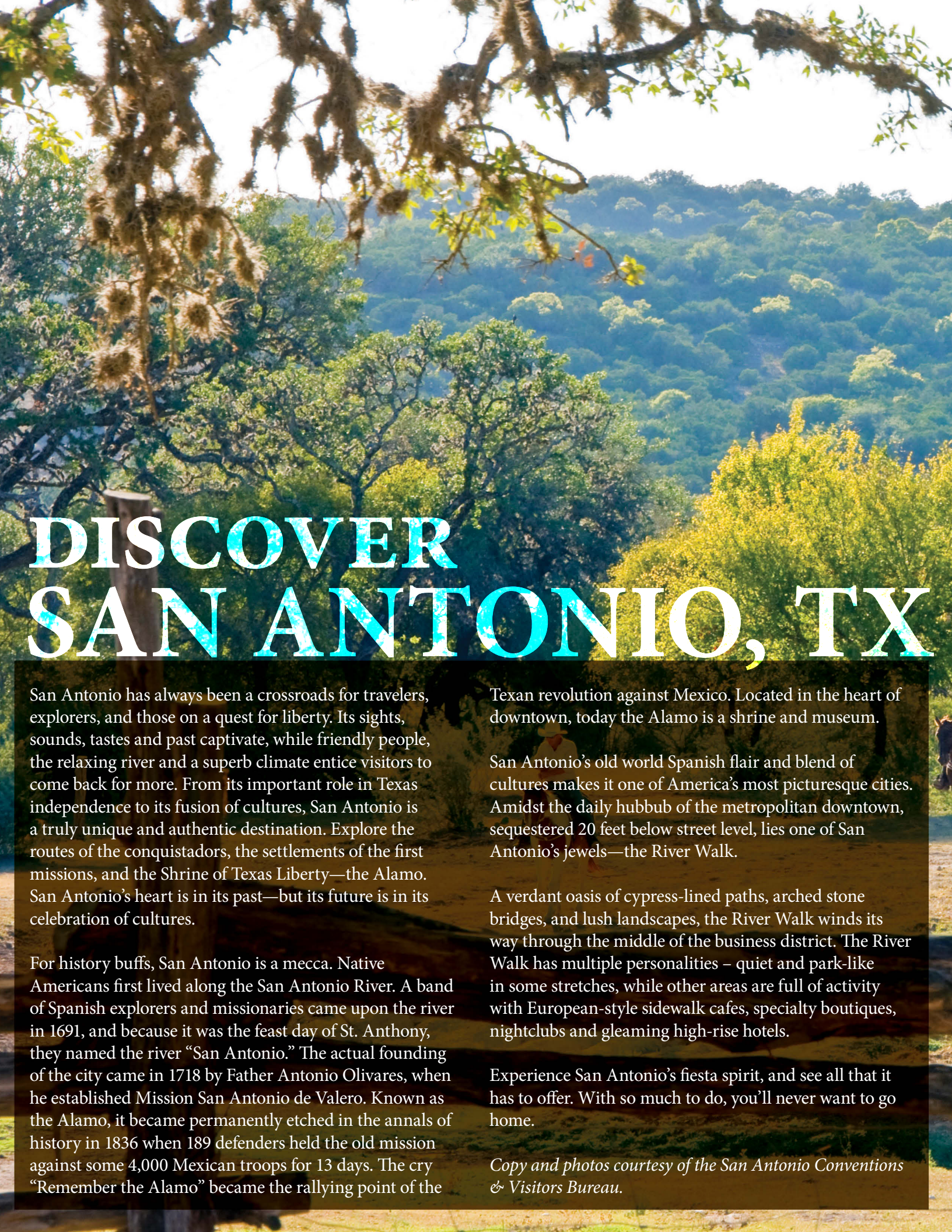
Paris, France
May 10-15, 2015
Working Group Meeting
Hyatt Regency Paris — Charles de Gaulle Hotel

Atlanta, GA
October 4 – 9, 2015
29th Annual Plenary & Working Group Meeting
Sheraton Atlanta Hotel

UPCOMING CO-CHAIR ELECTIONS

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

Work Group	# being elected
Anesthesia	1
Application Information and Design	1
Attachments	2
Child Health	1
Clinical Decision Support	1
Clinical Genomics	1
Clinical Interoperability Council	2
Community Based Collaborative Care	2
Electronic Health Records	2
Electronic Services	1
Emergency Care	2
Health Care Devices	2
Imaging Integration	1
Implementable Technology Specifications	1
Infrastructure and Messaging	1
Patient Administration	1
Patient Care	2
Project Services	1
Public Health and Emergency Response	1
Publishing, V2	1
Publishing, V3	1
Regulated Clinical Research Information Management	1
Security	2
Services Oriented Architecture	1
Structured Documents	1
Vocabulary	2



DISCOVER SAN ANTONIO, TX

San Antonio has always been a crossroads for travelers, explorers, and those on a quest for liberty. Its sights, sounds, tastes and past captivate, while friendly people, the relaxing river and a superb climate entice visitors to come back for more. From its important role in Texas independence to its fusion of cultures, San Antonio is a truly unique and authentic destination. Explore the routes of the conquistadors, the settlements of the first missions, and the Shrine of Texas Liberty—the Alamo. San Antonio's heart is in its past—but its future is in its celebration of cultures.

For history buffs, San Antonio is a mecca. Native Americans first lived along the San Antonio River. A band of Spanish explorers and missionaries came upon the river in 1691, and because it was the feast day of St. Anthony, they named the river "San Antonio." The actual founding of the city came in 1718 by Father Antonio Olivares, when he established Mission San Antonio de Valero. Known as the Alamo, it became permanently etched in the annals of history in 1836 when 189 defenders held the old mission against some 4,000 Mexican troops for 13 days. The cry "Remember the Alamo" became the rallying point of the Texan revolution against Mexico. Located in the heart of downtown, today the Alamo is a shrine and museum.

San Antonio's old world Spanish flair and blend of cultures makes it one of America's most picturesque cities. Amidst the daily hubbub of the metropolitan downtown, sequestered 20 feet below street level, lies one of San Antonio's jewels—the River Walk.

A verdant oasis of cypress-lined paths, arched stone bridges, and lush landscapes, the River Walk winds its way through the middle of the business district. The River Walk has multiple personalities – quiet and park-like in some stretches, while other areas are full of activity with European-style sidewalk cafes, specialty boutiques, nightclubs and gleaming high-rise hotels.

Experience San Antonio's fiesta spirit, and see all that it has to offer. With so much to do, you'll never want to go home.

Copy and photos courtesy of the San Antonio Conventions & Visitors Bureau.