January Working Group Meeting

Pointe Hilton Squaw Peak Resort
January 17-22, 2010

Phoenix, Arizona

Early Bird Registration Cutoff—December 11, 2009
Online Registration & Resort Cutoff—December 18, 2009

Now offering CME credits sponsored through the American College of Physicians
Greetings all,

It’s hard to imagine a more exciting and dynamic time for healthcare interoperability standards. When I was nominated to run for board chair, I was asked to construct a nominee profile outlining my vision for HL7. I’d like to reproduce that here so that people know where I stand on various issues and can hold me accountable for following through on my “campaign promises.”

My Vision for HL7

- HL7 will be internationally recognized as the “go to” standards development organization, an organization that is both responsive and in touch with priorities.

My beliefs are that:

- HL7 is an international community of standards developers, working together towards a common goal of improved patient care.

- There is a need for greater clarity in the standards development process (e.g. between HL7, HITSP, IHE) in the United States.

- There is a need for greater coordination with ISO, CEN, and other complementary standards activities throughout the world.

- HL7 must produce standards of the highest quality.

- CDA isn’t perfect, but has been, and will continue to be, an important standard that helps get people to come on board with HL7 Version 3 and the RIM.

- We need a detailed HL7 Version 2 to HL7 Version 3 mapping.

- Marketing is more than advertising, and includes consumer analysis, market analysis, marketing mix, and economics analysis.

- Standards are a prerequisite for functionality. My vision is to help the world recognize this fact.

It is a real privilege for me to work with you all over the coming years as we continue to pursue this vision.

Robert (Bob) H. Dolin, MD
Chair of the Board, 2010-2011, Health Level Seven, Inc.
SATURDAY, JANUARY 16
9:00–5:00pm TSC Meeting

SUNDAY, JANUARY 17
9:00–3:00pm HL7 International Council Meeting
9:00–3:00pm Architectural review Board (ArB)
1:45–3:00pm Vocabulary (Voc) Facilitators’ Roundtable
1:45–5:00pm Modeling & Methodology (MnM) Meeting
3:00–6:00pm REGISTRATION
3:30–5:00pm HL7 Activities with Other SDOs
4:00–5:00pm HL7 First-Time Attendees’ Orientation – FREE TUTORIAL
5:00–6:00pm HL7 Organization and Process Orientation/Introduction – FREE TUTORIAL
6:00 – 8:00pm TSC Meeting

MONDAY, JANUARY 18
7:00–8:00am HL7 First-Time Attendees’ Orientation – FREE TUTORIAL
7:00–8:00am Continental Breakfast
7:00–5:00pm REGISTRATION
8:00–8:45am General Session — HL7 CEO and International Council Reports, Announcements
9:00–12:30pm Introduction to Version 2, Part 1
9:00–12:30pm Introduction to Version 3 Part 1: Fundamentals
9:00–12:30pm Introduction to Vocabulary
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 Advanced Application of Vocabulary in HL7
1:45–5:00pm HL7 Innovations Workshop
3:00–3:30pm Afternoon Break
5:15–6:00pm Ambassador Briefing – Introduction to Clinical Genomics
5:15–7:00pm Co-Chairs Dinner/Meeting (Must sign up)
6:00 – 8:00pm Open Space Meetings — Self Organized (no A/V)
7:00–8:00am Newly Elected Co-Chair Training – FREE TUTORIAL
7:00–8:30pm Domain Experts Steering Division
9:00–12:30pm Services and Service – Awareness in HL7
9:00–12:30pm Domain Analysis Model
9:00–12:30pm HL7 CDA Specialist Certification Exam Review
10:30–11:00am Morning Break
12:30–3:00pm Affiliate Chair or Designated Rep Luncheon/Meeting (Must sign up)
1:45–5:00pm Version 3 Specification Development Tools: Using HL7’s Version 3 Message Development Tools
3:30–5:00pm Architectural review Board (ArB)
3:30–9:00pm Board of Directors’ Meeting
6:00 – 8:00pm Open Space Meetings – Self Organized (no A/V)

THURSDAY, JANUARY 21
7:00–8:00am Newly Elected Co-Chair Training – FREE TUTORIAL
7:45–8:00am Continental Breakfast
7:30–5:00pm REGISTRATION
8:00–8:45am General Session – Announcements
9:00–10:30am Brazil Essentials for the May Rio de Janeiro Working Group Meeting
9:00–12:30pm HL7 CDA Specialist Certification Exam Review
9:00–12:30pm Domain Analysis Model
9:00–12:30pm Services and Service – Awareness in HL7
9:00–5:00pm Working Group Meetings
9:00–5:00pm DICOM WG-10 (Strategic Advisory)
10:30–11:00am Morning Break
12:30–3:00pm Affiliate Chair or Designated Rep Luncheon/Meeting (Must sign up)
1:45–5:00pm Version 3 Specification Development Tools: Using HL7’s Version 3 Message Development Tools
3:30–5:00pm Architectural review Board (ArB)
3:00–3:30pm Afternoon Break
5:30–7:30pm HL7 Version 2.5/2.6 Control Specialist Certification Exam
5:30–7:30pm HL7 CDA Specialist Certification Exam
5:30–7:30pm HL7 Version 3 RIM Certification Exam
3:00–3:30pm Afternoon Break
5:15–7:15pm HL7 Networking Reception
6:00–8:00pm Open Space Meetings – Self Organized (no A/V)

FRIDAY, JANUARY 22
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
9:00–5:00pm Working Group Meetings
10:30–11:00am Morning Break
12:30–1:30pm Lunch
Note: Tutorials appear in bold
Note: In compliance with our status as an ANSI-accredited standards developing organization, HL7 meetings are open.
WHAT IS A WORKING GROUP MEETING?

HL7 working group meetings are held three times per year at varying locations. These working group meetings serve two important purposes: 1) They give the HL7 work groups a chance to meet face-to-face to work on the standards; 2) They provide an invaluable educational resource for the healthcare IT community.

Standards Development
HL7 has more than 40 work groups 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 is a great way to learn more about what's happening in a particular area, so please feel free to participate in any meeting that interests you.

EDUCATION TRACKS

HL7 has organized its courses into four 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 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, messaging documents (Clinical Document Architecture), messaging infrastructure (wrappers, transport), and the XML Implementation Technology specification. 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 in either the Version 2 or Version 3 family. These include HL7 standards for Electronic Health Records (EHR), visual integration (CCOW), Security and medical logic (Arden Syntax). The Special Topics track also offers advanced or specialized classes in Version 2 or Version 3 subjects which 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 – 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 tutorials such as the first timers’ orientation, introduction to HL7 organization and process, 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 four tracks.

HL7 AMBASSADOR BRIEFING

There will be an Ambassador Briefing on Monday evening from 5:15 - 6:00 pm. The topic will be “Introduction to Clinical Genomics.” Attending this session is an excellent way to get updated on current technical work at HL7. This session is open to anyone who wishes to attend.

What is an Ambassador Briefing? It is a standardized presentation created by HL7 members that represent current technical work. Prepared for international meetings, this presentation conveys a common message that HL7 wants to share. Ambassador Briefings are given at meetings around the world and convey a common message that HL7 wants to share.

**Ambassador Briefing Schedule**

| Monday | 5:15 – 6:00 pm | Introduction to Clinical Genomics |
UPCOMING CO-CHAIR ELECTIONS

The following HL7 Work Groups will conduct co-chair elections at this Working Group Meeting.

<table>
<thead>
<tr>
<th>Work Group</th>
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<tbody>
<tr>
<td>Anesthesiology</td>
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<td>Attachments</td>
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<td>Child Health</td>
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<td>Clinical Context Object Workgroup</td>
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<td>Infrastructure &amp; Messaging</td>
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<td>RIM Based Application Architecture</td>
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GS1 EDUCATION SESSION

GS1 Education Session
Wednesday, January 20, 2010 • 7:00 – 7:45 am

The GS1 System providing globally unique identification keys—item identification and barcode labeling down to unit dose.

Speaker: Christian Hay, Senior Consultant, GS1 Healthcare

HL7 INNOVATIONS WORKSHOP

HL7 Innovations Workshop
Monday, January 18, 2010 • 1:45 – 5:00 pm

TSC-hosted workshop to explore how new ideas can more effectively be introduced to HL7 and incubated prior to a formal standards development project starting. This may include help identifying the relevant work groups, help engaging with stakeholders and finding project funding.

HL7 MEETING FOR NURSES

HL7 Meeting for Nurses
Tuesday, January 22, 2010 • 7:00 – 8:00 am

All nurses are invited to this meeting to discuss and strengthen the HL7 nurse community. This meeting will be held on Tuesday, January 19, at 7:00 am. Please look for the tables with tent cards titled HL7 Meeting for Nurses. This activity is a result of HL7’s response to the Technology Informatics Guiding Educational Reform (T.I.G.E.R.) Team request to help improve the visibility of nurses working within Standards Development Organizations (SDOs) and to help mentor nurses newly participating in SDO activities.

HL7 ACTIVITIES WITH OTHER SDOs

HL7 Activities With Other SDOs
Sunday, January 17, 2010 • 3:30 – 5:00 pm

This meeting will be held on Sunday afternoon from 3:30-5:00 pm. It is an opportunity for HL7 WGM attendees to review and provide comments on activities in collaboration with other Standards Development Organizations (SDOs) such as Integrating the Healthcare Enterprise (IHE), Object Management Group (OMG), and the Joint Working Group (JWG) liaison to the Joint Initiative Council (JIC).

REGISTER ONLINE!
It is quick, easy and convenient…

www.HL7.org

For more information, please contact HL7 at +1 (734) 677-7777 or email: reginfo@HL7.org
Now Offering CME Credit Sponsored through The American College of Physicians!

Many of the tutorials offered at the January 2010 Working Group Meeting qualify for continuing medical education for physicians. This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American College of Physicians and Health Level Seven®, Inc.

The American College of Physicians is accredited by the ACCME to provide continuing medical education for physicians.

The American College of Physician’s designates the educational activity for a maximum number of 24 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This Tutorial Will Benefit:
• Those new to HL7

Faculty:
Hans Buitendijk: Treasurer, HL7 Board of Directors; Co-Chair, HL7 Orders and Observations Work Group; Co-Chair, HL7 Clinical Statement Work Group; Product Manager, Siemens Healthcare

M1 – Introduction to Version 2, Part 1
Monday, January 18 / 9:00 am – 12:30 pm 3 CME Credits

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

This Tutorial Will Benefit:
• Those new to HL7

Faculty:
Hans Buitendijk: Treasurer, HL7 Board of Directors; Co-Chair, HL7 Orders and Observations Work Group; Co-Chair, HL7 Clinical Statement Work Group; Product Manager, Siemens Healthcare

M4 – Introduction to Version 2, Part 2
Monday, January 18 / 1:45 pm – 5:00 pm 3 CME Credits

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

This Tutorial Will Benefit:
• Those new to HL7 with a need to become familiar with Version 2 messages

Upon Completion of This Tutorial, Students Will Know:
• Basic Order and Observation message structures
• Sample messages
• How to start to interpret the Version 2 Orders and Observation standards

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

W12 – HL7 Version 2.5/2.6 Control Specialist Certification Review
Wednesday, January 20 / 9:00 am – 12:30 pm 3 CME Credits

This tutorial reviews the message definition; and processing rules and data type definitions of the Control chapters of the HL7 Version 2.6 Standard. Upon completion of this tutorial, students will be better prepared to take the HL7 Version 2.6 Control Specialist Certification Exam.

Note: Students are also expected to prepare for the exam by previous study of Chapter 2 (Control), Chapter 2A (Data Types), and Chapter 2B (Conformance) of the HL7 Version 2.5 Standard.

This Tutorial Will Benefit:
• Anyone preparing for the HL7 Control Specialist Certification Exam
• Interface analyst specialists and managers who need to understand the technical aspects of HL7 interfaces

Faculty:
Mike Henderson: Co-Chair, HL7 Education Work Group; Principal Consultant, Eastern Informatics

TH24 – HL7 Version 2.5/2.6 Control Specialist Certification Exam
Thursday, January 21 / 5:30 pm – 7:30 pm

Health Level Seven is pleased to offer certification testing on HL7 Version 2.6, 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, medical informatics faculty and students are all potential candidates. The knowledge required to pass the exam 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 Standard Version 2.6 (the standard may be obtained via HL7 membership or non-member purchase on www.HL7.org).

Note: Simply taking the courses offered at this summit 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.

M2 – Introduction to Version 3, Part 1: Fundamentals
Monday, January 18 / 9:00 am – 12:30 pm 3 CME Credits

Introduction to Version 3 is a rigorous introduction to HL7’s newly emerging standard. This class provides:
• General rationale for Version 3
• Explanation of Version 3’s two key concepts: messaging and documents (CDA)
• Overview of the Version 3 publication (ballot and standard)
• Essential concepts and terminology necessary to understand the static models of Version 3 used for both messages and documents

This Tutorial Will Benefit:
• Anyone interested in Version 3 implementation or standards development
• Anyone interested in more advanced Version 3 classes on messaging and CDA

Upon Completion of This Tutorial, Students Will Have Obtained the Following:
• General understanding of the purpose, function, and format of Version 3 messaging and documents
• Rudimentary knowledge of the Reference Information Model (RIM) with a focus on act, role, act relationship, and participation
• Rudimentary understanding of Version 3 Refined Message Information Models (RMIMs) and the refinement process
• Knowledge of scope, contents, and organization of 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.)

Faculty:
Virginia Lorenzi: NewYork–Presbyterian Hospital; Associate, Department of Biomedical Informatics, Columbia University

M5 – Introduction to Version 3, Part 2: Messaging
Monday, January 18 / 1:45 pm – 5:00 pm 3 CME Credits

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

Note that the class is based on the latest Version 3 ballot material. The latest Version 3 ballot publication can be accessed and downloaded from http://www.hl7.org/V3ballot/html/welcome/introduction/index.htm. Students may be interested in reviewing or downloading the ballot material prior to class.

This Tutorial Will Benefit:
• Anyone who needs to read Version 3 messaging publications
• Anyone interested in Version 3 implementation or standards development
• Anyone interested in more advanced classes on Version 3

Upon Completion of This Tutorial, Students Will Have Obtained the Following:
• Rudimentary understanding of Version 3 static and dynamic models and associated terminology as needed to support Version 3 messaging
• General understanding of the following specific dynamic model concepts: storyboard, application role, trigger event, interaction
• General understanding of the following static model components: DMIM, HMD, and message type
• Summary of all functional areas in the current Version 3 ballot publication and their status
• Ability to read a Version 3 functional domain

Prerequisites:
• Introduction to Version 3, Part 1: Fundamentals

Note: Messaging builds directly on the concepts covered in Part 1 and is designed to be a continuation of the morning class. Most attendees of Messaging also take the Intro class. If you would like to take Messaging without the Intro please contact the instructor.

Note: 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. This is covered in the Introduction to Version 3, Part 1 class.

Faculty:
Virginia Lorenzi: NewYork–Presbyterian Hospital; Associate, Department of Biomedical Informatics, Columbia University

Tuesday, January 19 / 9:00 am – 12:30 pm 3 CME Credits

The use of HL7 Version 3 to implement interfaces within a particular application context can have hidden complexities. While Version 3 has been designed to reduce the amount of required site-specific negotiation, it is not possible to simply pull the message specification(s) “out of the box” and install it. This tutorial guides the student through the analysis process, and addresses issues necessary for building robust interface solutions.

It covers:
• Documentation of message specifications
• Implementation considerations for data types
• Managing vocabulary from the implementation perspective
• Procedures to address refinement and localization of the standard
• Tips and strategies for successful implementation

This class also provides a lead-in for Version 3 Implementation, Part 2: Implementation Mechanics.

This Tutorial Will Benefit:
• Analysts and architects who need to map HL7 Version 3 messages to or between computer applications
• Project managers responsible for Version 3 implementation projects
• Anyone considering Version 3 early adoption

Upon Completion of This Tutorial, Students Will Know:
• How to develop and carry out a plan for creating Version 3 interfaces
• How to read and write Version 3 message specifications
• How to design tips and strategies

Prerequisites:
A basic understanding of Version 3 is a requirement (such as the Introduction to Version 3 Tutorials). More advanced tutorials (XML ITS and Wrappers) are encouraged as well. Previous experience in Version 2 implementations will be of value.

Faculty:
Mead Walker: Member, HL7 Architectural review Board; Mead Walker Consulting

T8 – Version 3 Implementation for Project Managers
Tuesday, January 19 / 9:00 am – 12:30 pm 3 CME Credits

This tutorial provides an overview of HL7 Version 3 for management focused individuals. It is particularly aimed at project managers involved in specification development as well as those that are developing or implementing applications with HL7 Version 3 based interfaces.

This Tutorial Will Benefit:
• Those interested in building a management level understanding of HL7 standards development (both at the international and realm level) and implementation.
Upon Completion of This Tutorial, Students Will Have Obtained an Understanding of:

- The purpose, function, and format of key “RIM-based” messaging and document constructs
- Key management considerations pertaining to HL7 Version 3 specification development as well as to the development and implementation of HL7 Version 3 based interfaces

Prerequisites:
- General experience in project management or project leadership would be helpful
- Experience with systems interfacing in the healthcare domain would be helpful but is not required
- It is assumed that the student has some familiarity with the HL7 organization and its processes (committee work, balloting procedures, etc.)

Faculty:
Marc Koehn: Partner, Gordon Point Informatics Ltd.

T9 – Version 3 XML ITS and Data Types
Tuesday, January 19 / 1:45 pm – 5:00 pm 3 CME Credits

This tutorial provides an in-depth look at the Version 3 XML Implementable Technology Specification (ITS), covering both the Structures and Data Types portions of the ITS.

This Tutorial Will Benefit:
- Anyone with XML experience interested in Version 3 implementation
- Anyone with a specific interest in the Version 3 XML Implementation Technology Specification

Upon Completion of This Tutorial, Students Will Know:
- How clinical and administrative information is represented in Version 3 Messages (Interactions) and as XML instances
- Basics of how to generate and process Version 3 XML instances
- An understanding of Version 3 Data Types Release 1, especially with respect to their XML implementation
- What is new with Data types Release 2

Prerequisites:
- Basic knowledge in Version 3 concepts, including RIM (Act, Entity, Role, Participation), RMIM, HMD, Message Type, and Interaction
- Knowledge of the Extensible Markup Language (XML)
- Basic knowledge of XML Schema
- The Version 3-related prerequisites can be met by taking the Introduction to Version 3 tutorials (Part 1 and Part 2). The XML-related prerequisites can be met in many ways; for instance refer to the following XML related specifications:
  - Extensible Markup Language (XML) 1.0 (Second Edition) http://www.w3.org/TR/REC-xml
  - Namespaces in XML http://www.w3.org/TR/REC-xml
  - XML Schema Part 0: Primer: http://www.w3.org/TR/xmleschema-0/

Tools Needed:
- While a laptop is not required, there will be a paper-based workshop component to this tutorial. Those with a laptop and any XML editor running on it might get more out of the hands-on exercises

Faculty:
Kai U. Heitmann, MD, Heitmann Consulting and Services (Germany)

Tuesday, January 19 / 1:45 pm – 5:00 pm 3 CME Credits

This class gives an overview of current technical strategies for implementing solutions based on the Version 3 specifications. How do we populate a message from our repository? What do we do when we receive a message? How do we process it? This tutorial will address implementation of Version 3 messaging systems from a practical point of view. Different architectural approaches will be examined and compared. The tutorial is designed to address the needs of the implementer/developer/application architect. The tutorial will address techniques and design patterns for manipulating Version 3 messages: parsing and serialization, extended validation, communication, storage and retrieval and enablement of existing applications.

The Tutorial Will Benefit:
- Software architects responsible for integration projects
- Developers responsible for Version 3 implementation
- Technical specialists considering Version 3 adoption

Upon Completion of This Tutorial, Students Will Have:
- An understanding of multiple architectural approaches and techniques for Version 3 implementation
- A basic knowledge of the different technologies and tools available to implement HL7 Version 3 message specifications

Prerequisites:
- Knowledge of HL7 Version 3 and the HDF
- General knowledge of XML tooling principles and application development frameworks
- Version 3 Implementation, Part 1: Analysis and Specification

Faculty:
Rene Spronk: Co-Chair, HL7 RIMBAA Work Group, HL7 the Netherlands; Sr. Consultant, Ringholm GmbH

W13 – Introduction to Clinical Document Architecture
Wednesday, January 20 / 9:00 am – 12:30 pm 3 CME Credits

The Clinical Document Architecture 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 examines CDA projects in the United States, Europe and Asia/Pacific; the tools available for CDA creation, management and distribution; and current work on CDA implementation guides including the Continuity of Care Document (CCD), History and Physical and Healthcare-Associated Infection Reports.

This Tutorial Will Benefit:
- Healthcare providers and exchange network architects considering CDA implementation
- Product managers considering support for CDA
- 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:
Liora Alschuler: Co-Editor, CDA; Co-Chair, HL7 Structured Documents Work Group; Principal, Alschuler Associates, LLC
Rick Geimer: Co-Editor, CCD and CDA History & Physical; Creator CDA Online Validator; Software Architect/Developer, Alschuler Associates, LLC

W15 – Clinical Document Architecture Advanced
Wednesday, January 20 / 1:45 pm – 5:00 pm    3 CME Credits

This tutorial will cover the HL7 Continuity of Care Document and the Level 3 entries, and related CDA specifications, including the ANSI/HITSP Consumer Empowerment Registration and Medication Summary, IHE Profiles making use of the CCD, and other HL7 specifications making use of CCD constructs (e.g., CDA4CDT).

This Tutorial Will Benefit:
• Anyone preparing for the HL7 Version 3 RIM Certification Exam
• Interface analyst specialists and managers who need to understand the technical aspects of HL7 interface

Faculty:
AbdulMalik Shakir: Co-Chair, HL7 Education Work Group; Member, HL7 Architectural review Board; Principal Consultant, Shakir Consulting

Upon Completion of This Tutorial, Students Will Know:
• How to implement the CCD

Prerequisites:
• CDA Intro and Advanced

Faculty:
Keith W. Boone: Co-Chair, HL7 Structured Documents Work Group; Interoperability Architect, GE Healthcare

W16 – HL7 Version 3 RIM Certification
Exam Review
Wednesday, January 20 / 1:45 pm – 5:00 pm    3 CME Credits

This tutorial reviews the Reference Information Model (RIM) of the HL7 Version 3 Standard. The RIM is the basis of the information modeling approach to the Version 3 Standard, and provides for the collection of classes, associations and other forms required to define information exchange in the healthcare context.

Thursday, January 21 / 1:45 pm – 5:00 pm  3 CME Credits

This tutorial will provide an understanding of the tools that workgroup contributors and facilitators use to develop and submit content for HL7 Version 3 ballots. It will also cover how those tools interact to provide that support. It will also cover tooling that work groups and implementers can use to better document their specifications, including the ability to develop documentation targeted at different user groups.

This will be a hands-on session with participants following along by running the tools on their own laptop computers. Instructions on downloading and installing the necessary tools will be provided.

See “Installing and Configuring HL7 Tools” at http://informatics.mayo.edu/wiki/index.php/Installing_and_Configuring_HL7_Tools (Note: For access to this site, use UserId: “wiki” and Password: “wikiwiki”)

This Tutorial Will Benefit:

• Individuals who are supporting HL7 work groups, related project teams, and others involved in the documentation of messaging standards, and the creation and documentation of message designs

Scope:

• The intent is to provide an overview of the tooling that supports ballot tooling from “end-to-end” including:
  - Tooling architecture, including the place and potential uses of the HL7 Model Interchange Format (MIF)
  - HL7 repositories—overview of contents and organization (brief)
  - RoseTree—Use as a RIM and Vocabulary Browser (brief)
  - Publication database—including WYSIWYG editing with XML Spy
  - RMIM Design Tool in Visio—including design steps, use of shadows, textual documentation, validation, saving designs
  - Creation of HMD and message type—creating these designs in RoseTree, once the RMIM is saved from Visio
  - Creation of XML and Excel exports—exporting these representations of an HMD with RoseTree, and formatting of the Excel view
  - Generation of XML schemas—creation of XML schemas for the message designs using HL7—defines XSLT processes. Time permitting, we will also cover likely (or known) future changes to these tools

Prerequisites:

• This tutorial pre-supposes a detailed familiarity with Version 3 terminology. At a minimum, the prospective student should have taken or have previous knowledge of the material addressed in the Introduction to Version 3 tutorials. Other courses on the Version 3 track, especially the Version 3 Implementation, Part 1 class, are suggested as well. The tutorial will not cover Version 3 terminology, the RIM, representation of concepts in an RMIM, cloning, application roles, etc. It is presumed that the participants are conversant with these topics and simply need to know how to capture the artifacts with the tools.

Faculty:

Andy Stechishin: Co-Chair, HL7 Publishing-Version 3 Work Group; Health Informatics Consultant, Gordon Point Informatics Ltd.

George (Woody) Beeler, PhD (Co-Speaker): Co-Chair, Foundation & Technology Steering Division – HL7 Technical Steering Committee; Co-Chair, HL7 Publishing – V3 Work Group; Co-Chair, HL7 Modeling and Methodology Work Group; Principal, Beeler Consulting, LLC

TH25 – HL7 CDA Specialist Certification Exam

Thursday, January 21 / 5:30 pm – 7:30 pm

Health Level Seven is pleased to offer certification testing on HL7 CDA Release 2.0. Certification testing is offered to those participants who want to demonstrate that they have a working knowledge of the CDA Release 2.0 Standard. Healthcare systems analysts, medical software programmers, medical informatics faculty and students are all potential candidates.

The knowledge required to pass the exam 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 2.0 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 exam.

TH26 – HL7 Version 3 RIM Certification Exam

Thursday, January 21 / 5:30 pm – 7:30 pm

Health Level Seven is pleased to offer certification testing on the HL7 Version 3 Reference Information Model (RIM) 2.11 (the version of the RIM on Version 3 Normative Edition 2006). 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, 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 summit 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.

M3 – Introduction to Vocabulary

Monday, January 18 / 9:00 am – 12:30 pm  3 CME Credits

Brief topics include an overview of terminologies and value sets, concept representation in information models and messages, some commonly used vocabularies in healthcare, and Common Terminology Services. Some of these topics are dealt with more deeply and completely in the Advanced Application of Vocabulary and in other tutorials.

This Tutorial Will Benefit:

• Those seeking an overview of terminology, its usage in models and messaging, and specific examples in LOINC, SNOMED and various drug terminologies

Upon Completion of This Tutorial, Students Will Know:

• The reasons behind the need for coded terminology in models and
communications
• The basic role and integration of terminologies into HL7 messages and models
• Basic understanding of commonly used clinical terminology systems as applied in HL7
• Modern techniques for accessing and manipulating terminology

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

M6 – Advanced Application of Vocabulary in HL7
Monday, January 18 / 1:45 pm – 5:00 pm 3 CME Credits

This Tutorial Will Cover The Following Topics:
• The need for using standard coded terminologies in HL7
• The Vocabulary Work Group, its current role and mission within HL7, and its current activities
• A brief summary of Version 2.x terminology strategy
• An overview of the Version 3 terminology strategy with a focus on coded data types
• How coded terminologies are represented in Version 3 models and messages and bound to them
• The HL7 vocabulary model and the use of these objects in Version 3 structures
• Maintenance of the HL7 vocabulary
• A brief summary of the purpose of the Common Terminology Services specification

This Tutorial Will Benefit:
• Individuals wanting to participate in the work of the Vocabulary Work Group, and those planning to implement HL7 messages

Upon Completion of This Tutorial, Students Will Know:
• The history of the Vocabulary Work Group
• How to access and manipulate terminology in HL7 Version 2.x (tables)
• How coded data is represented in Version 3 messages
• How to understand and use value sets and concept domains
• How to register a terminology for use in HL7 messages
• The functions and capabilities of Common Terminology Services
• Who to ask if they have questions

Prerequisites:
• Introduction to Vocabulary

Faculty:
Beverly Knight: Co-Chair, HL7 Vocabulary Work Group; Terminology Lead, Canada Health Infoway

W14 – Electronic Health Record, Advanced – Conformance and Profiles
Wednesday, January 20 / 9:00 am – 12:30 pm 3 CME Credits

This tutorial provides a hands-on second look at the EHR-S Functional Model Standard, and a detailed review of the concepts and action steps to develop conformant functional profiles. This class starts with a recap of the model and a description of varied EHR certification efforts, including a detailed how-to on the process and steps to create an EHR-S functional profile. It will also include an overview and status of both completed and ongoing profiling projects.

This Tutorial Will Benefit:
• Those seeking information on how the EHR-S Functional Model Standard is being used
• Those seeking to understand the rules for profiles and review examples of profiles
• Those seeking to understand the rules and process for building conformant functional profiles

Upon Completion of This Tutorial, Students Will Know:
• How the new EHR-S FM Standard is being used
• The rules for profiles (see examples of profiles)
• The rules and process for building conformant functional profiles

Prerequisites:
• Completion of the EHR-S Functional Model class or strong knowledge of Chapters 3, 4 and 5 of the model (Direct Care, Supportive & Information Infrastructure)

Faculty:
Patricia Van Dyke: Co-Chair, HL7 Electronic Health Records Work Group; Delta Dental Plans Association

John Ritter (Co-Speaker): Co-Chair, HL7 Electronic Health Records Work Group; Co-Chair, HL7 International Mentoring Committee; Healthcare Standards Architect, College of American Pathology
TH19 – Domain Analysis Model
Thursday, January 21 / 9:00 am – 12:30 pm  3 CME Credits
This workshop is intended to prepare all those involved in the
Requirements Analysis and Documentation portion of the HL7
Development Framework (HDF). It describes the process for creating
the various requirements artifacts including guidelines and an example of
each of the artifacts. The tutorial also includes exercises for creating many of
the artifacts.

The HL7 Requirements Analysis and Documentation portion of the
HL7 Development Framework (HDF) is a process that communicates
business requirements to those creating the design artifacts and allows
verification that the design met the requirement.

This Tutorial Will Benefit:
• HL7 work group members who will be involved in the requirements
portion of the HL7 Development Methodology (HDF)

Prerequisites:
• Basic knowledge of the requirements portion of the HDF is preferred.

Faculty:
AbdulMalik Shakir: Co-Chair, HL7 Education Work Group; Member,
HL7 Architectural Review Board; Principal Consultant, Shakir Consulting

TH20 – Services and Service – Awareness in HL7
Thursday, January 21 / 9:00 am – 12:30 pm
The SOA Work Group has pioneered service-awareness within HL7
via the Health Services Specification Project (HSSP). Due to the
success of this effort, HL7 has recently committed to extending service-
aware thinking in general – and ballotable, HL7-compliant service
specifications in particular – across the entire organization. This tutorial
will discuss how service-oriented architecture has evolved from being an
industry buzzword to a viable approach for healthcare organizations as
they invest in Healthcare IT. This session will explore how to approach
establishing SOA within a healthcare organization. It will describe
the HSSP processes and artifacts and update the audience on recent
alignment of HSSP with the TSC-sponsored Services-Aware Enterprise
Architecture Framework (SAEAF) project.

This Tutorial Will Benefit:
• Analysts, architects, and/or developers interested in applying service-
aware approaches

Upon Completion of This Tutorial, Students Will Know:
• The importance of services and services-aware thinking in achieving
the goal of computable semantic interoperability in healthcare
• An approach on how healthcare organizations can consider adding
healthcare SOA to their portfolio
• The history of the Health Services Specification Project (HSSP)
within HL7 and its relationship to OMG, and the products that it has produced
• The motivation and trajectory of the HL7 Services-Aware Enterprise
Architecture Framework (SAEAF)
• The alignment of the SAEAF with the HSSP activities within HL7
and with respect to OMG

Prerequisites:
• Awareness of the difficulties and complexities of achieving Working
Interoperability (WI) using Services.  (NOTE: This tutorial will focus
on WI in a service paradigm)

Faculty:
Charlie Mead: Co-Chair, Architecture review Board; Chief Technology
Officer, Center for Biomedical Informatics and Information Technology
(National Cancer Institute)

TH22 – Personal Health Record
Thursday, January 21 / 1:45 pm – 5:00 pm  3 CME Credits
This informative tutorial and review provides an in-depth look at the
Personal Health Record System Functional Model (PHR-S FM), the
difference between the EHR and the PHR, the relationship between the
PHR-S FM and the EHR-S FM, and PHR initiatives around the world.

This Tutorial Will Benefit:
• Those seeking information on the functionality and standardization of
personal health records
• Those wishing to implement or evaluate PHR systems, or those who
have an interest in understanding how PHR-S functionality relates
to broader industry discussions related to personal health records,
including consumer empowerment

Upon Completion of This Tutorial, Students Will Know:
• Background and status of the PHR-S Functional Model as an
impending ANSI standard
• The structure and content of functional requirements for PHR
systems, as shown by the model
• The differences between the PHR-S FM and the EHR-S FM
• Options to use the functional model for conformance and care setting
profiles
• Background and status of HL7 and industry projects supporting PHR
standards
• How the PHR-S FM supports broader industry concepts related to the
personal health records, such as consumer empowerment

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

Faculty:
Gora Datta: HL7 Ambassador, Chairman and CEO, CAL2CAL
Corporation

TH23 – SAEAF Behavioral Framework
Thursday, January 21 / 1:45 pm – 5:00 pm
The SAEAF Behavior Framework is a core component of the overarching
HL7 Services-Aware Enterprise Architecture Framework (SAEAF). In
particular, it defines how exchanges using any one of HL7’s established
Interoperability Paradigms – messages, documents, or services – specify
the roles and interaction specifics around a particular instance of
information exchange/coordination. The SAEAF BF is built around the
central concepts of Role, Interaction, and Contract and draws on several
sources for its formalisms including RM-ODP, SOA Core Principles,
Fowler’s Accountability Pattern, Meyer’s Design by Contract, and HL7
Dynamic Model requirements and experience.
**F1/F3  HL7 First-Time Attendees’ Orientation – FREE TUTORIAL**

Sunday, January 17 / 4:00 pm – 5:00 pm  
Monday, January 18 / 7:00 am – 8:00 am

This is a 45 minute special orientation session for first-time attendees. It will give those new to HL7 the lay of the land and help make sure 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—one on Sunday evening and again on Monday morning.

**Faculty:**  
*Ken McCaslin*: Co-Chair, Technical & Support Services Steering Division—HL7 Technical Steering Committee; Co-Chair, Electronic Services Work Group; Manager, Connectivity Standards, Quest Diagnostics, Inc.

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**F2/F4 – HL7 Organization and Process Orientation/Introduction – FREE TUTORIAL**

Sunday, January 17 / 5:00 pm – 6:00 pm  
Tuesday, January 19/ 7:00 am – 8:00 am

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 has been 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

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**F5 – Project Insight Project Management Tool – FREE TUTORIAL**

Wednesday, January 20 / 1:45 pm – 3:00 pm

This session, targeted for co-chairs and project facilitators, will demonstrate Project Insight, HL7’s primary project repository. Project Insight will function as the foundation for project data and reporting, and will assist the Project Management Office (PMO), the Technical Steering Committee (TSC) and Steering Divisions in executing HL7’s project methodology and processes.

**This Tutorial Will Benefit:**
- Work group and steering division co-chairs
- Project facilitators in assisting their committees in project development and facilitation by utilizing the Project Insight online tool

**Upon Completion of This Tutorial, Students Will Know:**
- How to create, manage and report on projects within Project Insight
- HL7 Project Management tools, processes and methodology

**Intended Audience:**
- HL7 co-chairs, Steering Division representatives and Project Facilitators of HL7 projects

**Faculty:**  
*Karen Van Hentenryck*: HL7 Associate Executive Director

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**F6 – Newly Elected Co-Chair Training – FREE TUTORIAL**

Thursday, January 21 / 7:00 am – 8:00 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

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**F7 – Brazil Essentials for the May Rio de Janeiro Working Group Meeting – FREE TUTORIAL**

Thursday, January 21 / 9:00 am – 10:30 am

This quarterly day tutorial is intended to be a preparation for the May Working Group Meeting in Rio de Janeiro, Brazil. An overview of the planning needed for arrival in Brazil, language, cultural aspects, and hotel information will be highlighted.

**This Tutorial Will Benefit:**
- Anyone who would like additional travel, country, and hotel information

**Upon Completion of This Tutorial, Students Will Know:**
- Practical things to know in Brazil
- Some cultural aspects of Brazil in general and the Rio de Janeiro area in particular
- Why Rio de Janeiro is known as the “Happiest City in the World”
- How to prepare for arrival in Brazil including visa requirements

**Faculty:**  
*Marivan Santiago Abrahao, MD*: Chair, HL7 Brazil
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**Note:** 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.
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<td>Implementation/Conformance</td>
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<td>Infrastructure &amp; Messaging</td>
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<td>International Mentoring Committee</td>
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<td>ISO TC 215 WG2 (Note: There is also a meeting scheduled for Saturday, 1/23, 9:00-5:00 pm)</td>
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<td>Open Space Meetings (Self Organized, no AV)</td>
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<td>Orders &amp; Observations</td>
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<td>Outreach Committee for Clinical Research</td>
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<td>Project Insight Project Management Tool</td>
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<td>Public Health &amp; Emergency Response</td>
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<td>Steering Divisions: Domain Experts Foundation &amp; Technology Structure &amp; Semantic Design Technical &amp; Support Services</td>
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<td>TSC Meetings (Note: There is also a meeting scheduled for Saturday, 1/16, 9:00-5:00 pm)</td>
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<td>Vocabulary</td>
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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 & TUTORIAL HANDOUT HOURS
Sunday 3:00–6:00pm Registration & Tutorial Handouts
Monday–Tuesday 7:00am–5:00pm Registration & Tutorial Handouts
Wednesday–Thursday 7:30am–5:00pm Registration & Tutorial Handouts
Friday 8:00am–1:00pm Staff on Hand for Assistance

MEALS AND BREAKS
Monday–Thursday 7:00–8:00am Continental Breakfast
Friday 8:00–9:00am Continental Breakfast
Monday–Friday 10:30–11:00am Morning Break
Monday–Friday 12:30–1:30pm Lunch
Friday 3:30–5:00pm Afternoon Break

MEETINGS

AMBASSADOR BRIEFING
Monday 5:15–6:00pm Introduction to Clinical Genomics

ANATOMIC PATHOLOGY (AP)
Monday 1:45–5:00pm MEETING
Tuesday 9:00–5:00pm MEETING

ARCHITECTURAL review BOARD (ArB)
Sunday 9:00–3:00pm MEETING
Tuesday 3:30–5:00pm MEETING
Wednesday 3:30–5:00pm Joint w/TSC, IC, InM, ITS, MnM, O&O, Sec, SD, SOA, Templates, Voc and other interested Work Groups
Thursday 1:45–5:00pm MEETING

ARDEN SYNTAX (AS)
Tuesday 9:00–5:00pm MEETING

ATTACHMENTS
Monday–Wednesday 9:00–5:00pm MEETING
Thursday 9:00–3:00pm MEETING

BOARD OF DIRECTORS’ MEETING
Tuesday 3:30–9:00pm MEETING

CHILD HEALTH (CH)
Monday 9:00–5:00pm MEETING
Tuesday 9:00–12:30pm MEETING

CLINICAL CONTEXT OBJECT WORKGROUP (CCOW)
Tuesday 9:00–5:00pm MEETING
Wednesday 9:00–12:30pm MEETING
1:45–3:00pm Hosting: Sec
3:30–5:00pm MEETING

CLINICAL DECISION SUPPORT (CDS)
Monday 3:30–5:00pm Joint w/O&O, PC
Wednesday 9:00–10:30am MEETING
11:00–12:30pm Hosting: SD
1:45–3:00pm Joint w/PHER, SD, Templates, Pharm
3:30–5:00pm MEETING
Thursday 9:00–10:30am MEETING
11:00–12:30pm Hosting: Clin Gen
1:45–5:00pm MEETING

CLINICAL GENOMICS (Clin Gen)
Wednesday 9:00–5:00pm MEETING
Thursday 9:00–10:30am Joint w/O&O
11:00–12:30pm Joint w/CDS
1:45–5:00pm MEETING

CLINICAL INTEROPERABILITY COUNCIL (CIC)
Tuesday 9:00–5:00pm MEETING
Wednesday 9:00–10:30am Joint w/PC, CBCC, PHER, EC
11:00–5:00pm MEETING
Thursday 9:00–5:00pm MEETING

CLINICAL STATEMENT
Thursday 1:45–5:00pm MEETING

CO-CHAIR INFORMATION
Monday 5:15–7:00pm 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 12:30–1:30pm Lunch tables reserved for Co-Chairs
Thursday 7:00–7:45am Newly elected Co-Chair Training

COMMUNITY BASED COLLABORATIVE CARE (CBCC)
Monday 1:45–5:00pm Hosting: Sec
Tuesday 11:00–5:00pm MEETING
Wednesday 9:00–10:30am Joint w/PC, CIC, PHER, EC
11:00–5:00pm MEETING

DICOM WG-10
Thursday 9:00–5:00pm Strategic Advisory
Friday 11:00–12:30pm Joint w/ISO TC215 WG2

EDUCATION
Monday 1:45–3:00pm Joint w/Marketing
Tuesday 7:00–8:00am MEETING
Wednesday 9:00–5:00pm ELC Train-the-Affiliate
Thursday 11:30–3:00pm MEETING

ELECTRONIC HEALTH RECORDS (EHR)
Monday 9:00–5:00pm MEETING
Tuesday 9:00–12:30pm MEETING
1:45–3:00pm Hosting: GP, SOA, PHER
3:30–5:00pm MEETING
Wednesday 9:00–10:30am Hosting: Sec, SD
11:00–12:30pm Hosting: PC, PHER
1:45–5:00pm MEETING
Thursday 9:00–12:30pm MEETING

ELECTRONIC SERVICES
Wednesday 9:00–12:30pm MEETING

EMERGENCY CARE (EC)
Monday 1:45–5:00pm MEETING
Tuesday 9:00–5:00pm MEETING
Wednesday 9:00–10:30am Joint w/PC, CIC, PHER, CBCC
11:00–5:00pm MEETING

FACILITATORS’ ROUNDTABLE
Sunday 1:45–3:00pm Vocabulary Facilitators’ Roundtable
Wednesday 12:30–1:30pm Project Facilitators’ Roundtable Luncheon
Thursday 5:30–8:00pm MnM Facilitators’ Roundtable

FINANCIAL MANAGEMENT (FM)
Monday 1:45–5:00pm MEETING
Tuesday–Wednesday 9:00–5:00pm MEETING
Thursday 9:00–10:30am Hosting: PA
11:00–12:30pm Hosting: PA
1:45–3:00pm Hosting: PA
3:30–5:00pm MEETING
Friday 9:00–12:30pm MEETING

GENERAL SESSION ROOM
Please plan to attend each morning’s general session for daily highlights, meeting announcements and changes.
Monday 8:00–8:45am HL7 CEO and International Council Reports, Announcements
Tuesday 8:00–8:45am HL7 CTO and TSC Reports, Announcements
Wednesday 8:00–8:45am Board Report, Awards Presentations, Announcements
Thursday 8:00–8:45am 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.
FIRST-TIME ATTENDEES’ MEETINGS
Sunday 4:00–5:00pm Orientation Meeting
Monday 7:00–8:00am Orientation Meeting
12:30–1:30pm Lunch Tables Reserved for Q&A
Tuesday 12:30–1:30pm Lunch Tables Reserved for Q&A

GOVERNANCE AND OPERATIONS COMMITTEE (GOC)
Wednesday 9:00–10:30am MEETING

GOVERNMENT PROJECTS (GP)
Tuesday 1:45–3:00pm Joint w/EHR, SOA, PHER

G51 EDUCATION SESSION
Wednesday 7:00–7:45am The G51 System providing globally unique identification keys—item identification and barcode labelling down to the unit dose

MEETINGS

HL7 ACTIVITIES WITH OTHER SDOS
Sunday 3:30–5:00pm MEETING

HL7 INTERNATIONAL COUNCIL
Sunday 9:00–3:00pm MEETING
12:30–1:30pm Lunch
Thursday 12:30–3:00pm Affiliate Chair or their Designated Rep Luncheon/Meeting

HL7 MEETING FOR NURSES
Tuesday 7:00–8:00am MEETING

HL7 NETWORKING RECEPTION
Wednesday 5:15–7:15pm Reception

HL7 ORGANIZATION & PROCESS ORIENTATION/INTRODUCTION
Sunday 5:00–6:00pm Orientation/Introduction
Tuesday 7:00–8:00am Orientation/Introduction

HEALTH CARE DEVICES (Dev)
Monday–Friday 9:00–5:00pm MEETING

IMAGING INTEGRATION (II)
Tuesday 9:00–3:00pm MEETING
3:30–5:00pm Hosting: SD
Wednesday 9:00–10:30am Joint w/O&O
11:00–5:00pm MEETING

IMPLEMENTABLE TECHNOLOGY SPECIFICATIONS (ITS)
Wednesday 9:00–10:30am MEETING
11:00–12:30pm Joint w/IC, Tooling
1:45–3:00pm MEETING
3:30–5:00pm Joint w/TSC, ArB, IC, InM, MnM, O&O, Sec, SD, SOA, Templates, Voc and other interested Work Groups
Thursday 9:00–3:00am MEETING

IMPLEMENTATION/CONFORMANCE (IC)
Monday 9:00–3:00pm MEETING
Tuesday 9:00–5:00pm MEETING
Wednesday 9:00–10:30am MEETING
11:00–12:30pm Hosting: Tooling, ITS
1:45–3:00pm MEETING
3:30–5:00pm Joint w/TSC, ArB, InM, ITS, MnM, O&O, Sec, SD, SOA, Templates, Voc and other interested Work Groups
Thursday 9:00–10:30am Joint w/Voc
11:00–12:30pm MEETING

INFRASTRUCTURE & MESSAGING (InM)
Tuesday 9:00–12:30pm MEETING
Wednesday 9:00–10:30am MEETING
Wednesday (continued) 3:30–5:00pm Joint w/TSC, ArB, IC, ITS, MnM, O&O, Sec, SD, SOA, Templates, Voc and other interested Work Groups

INTERNATIONAL MENTORING COMMITTEE (IMC)
Thursday 1:45–5:00pm MEETING

ISO TC 215 WG2
Friday 9:00–10:30am Opening Plenary Meeting
11:00–12:30pm JWG Meeting with DICOM, TC215 WG7 and HL7
Friday (continued) 1:45–3:00pm Architecture (CDISC) and Methodology Breakout Groups
3:30–5:00pm Architecture and Methodology Breakout Groups (continued)
Saturday 9:00–3:00pm Architecture and Methodology Breakout Groups (continued)
3:30–5:00pm Closing Plenary Meeting

JOINT INITIATIVE COUNCIL (JIC)
Wednesday 9:00–12:30pm MEETING

MARKETING COUNCIL
Monday 11:00–12:30pm MEETING
1:45–3:00pm Hosting: Education
3:30–5:00pm MEETING
Thursday 9:00–10:30am MEETING

MODELING & METHODOLOGY (MnM)
Sunday 1:45–5:00pm MEETING
Monday–Tuesday 9:00–5:00pm MEETING
Wednesday 9:00–10:30am Hosting: Voc
11:00–12:30pm Joint w/Voc
3:30–5:00pm Joint w/TSC, ArB, IC, InM, ITS, O&O, Sec, SD, SOA, Templates, Voc and other interested Work Groups
Friday 9:00–12:30pm MEETING

‘OPEN SPACE’ MEETINGS
Monday–Wednesday 6:00–8:00pm Open Forums – Self-organized (no AV) – Sign up sheet will be on bulletin board

ORDERS & OBSERVATIONS (O&O)
Monday 9:00–3:00pm MEETING
3:30–5:00pm Hosting: PC, CDS
Tuesday 9:00–10:30am MEETING
11:00–12:30pm Hosting: Pharm, PS, RCRIM, PHER
1:45–3:00pm Hosting: RCRIM
3:30–5:00pm MEETING
Wednesday 9:00–10:30pm Hosting: II
11:00–3:00pm MEETING
3:30–5:00pm Joint w/TSC, ArB, IC, InM, ITS, MnM, Sec, SD, SOA, Templates, Voc and other interested Work Groups
Thursday 9:00–10:30am Hosting: Clin Gen
11:00–12:30pm MEETING
1:45–5:00pm Joint w/CS, PC
Friday 9:00–12:30pm MEETING

OUTREACH COMMITTEE FOR CLINICAL RESEARCH (OCCR)
Thursday 7:00–8:00am MEETING

PATIENT ADMINISTRATION (PA)
Monday–Wednesday 9:00–5:00pm MEETING
Thursday 9:00–10:30am Joint w/FM
11:00–12:30pm Joint w/SAO
1:45–3:00pm Joint w/FM
3:30–5:00pm MEETING

PATIENT CARE (PC)
Monday 9:00–3:00pm MEETING
3:30–5:00pm Joint w/O&O, CDS
Tuesday 9:00–12:30pm MEETING
1:45–3:00pm Hosting: SD
3:30–5:00pm MEETING
Wednesday 9:00–10:30am Hosting: CIC, PHER, CBCC, EC
11:00–12:30pm Joint w/EHR, PHER
1:45–5:00pm MEETING
Thursday 9:00–10:30am Hosting: PS
11:00–12:30pm Joint w/SD, Templates
1:45–5:00pm Joint w/CS, O&O
Friday 9:00–12:30pm Joint w/Templates, Voc, SD, Tooling
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<td>Hosting: PHER</td>
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<td>Joint w/PHER, SD, CDS, Templates</td>
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<td>3:30–5:00pm</td>
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| PROCESS IMPROVEMENT COMMITTEE (PIC) | Tuesday | 11:00–3:00pm | MEETING |

| PROJECT MANAGEMENT OFFICE PRESENTATIONS (PMO) | Wednesday | 1:45–3:00pm | Project Insight Project Management Tool |

| PROJECT SERVICES | Thursday | 1:45–3:00pm | MEETING |

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<th>PUBLIC HEALTH &amp; EMERGENCY RESPONSE (PHER)</th>
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<td>Joint w/EHR, GP, SOA</td>
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<td>Joint w/PC, CIC, CBCC, EC</td>
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<td>Joint w/EHR, PC</td>
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<td>Hosting: SD, CDS, Templates, Pharm</td>
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<td>Joint w/PHER, SD, CDS, Templates</td>
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<td>Thursday</td>
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<td>Hosting: SD, CDS, Templates, Pharm</td>
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<td>3:30–5:00pm</td>
<td>MEETING</td>
</tr>
<tr>
<td></td>
<td>Wednesday–Thursday</td>
<td>9:00–5:00pm</td>
<td>MEETING</td>
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<table>
<thead>
<tr>
<th>RIM BASED APPLICATION ARCHITECTURE (RIMBAA)</th>
<th>Monday</th>
<th>1:45–5:00pm</th>
<th>MEETING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tuesday</td>
<td>7:00–9:00pm</td>
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</table>

<table>
<thead>
<tr>
<th>SECURITY (SEC)</th>
<th>Monday</th>
<th>1:45–5:00pm</th>
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<tbody>
<tr>
<td></td>
<td>Tuesday</td>
<td>9:00–10:30am</td>
<td>MEETING</td>
</tr>
<tr>
<td></td>
<td>Tuesday</td>
<td>11:00–12:30pm</td>
<td>Joint w/EHR, SD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1:45–3:00pm</td>
<td>Joint w/CCOW</td>
</tr>
<tr>
<td></td>
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<td>3:30–5:00pm</td>
<td>Joint w/TSC, ArB, IC, InM, ITS, MnM, O&amp;O, SD, SOA, Templates, Voc and other interested Work Groups</td>
</tr>
<tr>
<td></td>
<td>Thursday</td>
<td>9:00–5:00pm</td>
<td>MEETING</td>
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<table>
<thead>
<tr>
<th>SERVICES ORIENTED ARCHITECTURE (SOA)</th>
<th>Monday</th>
<th>1:45–5:00pm</th>
<th>MEETING</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Tuesday</td>
<td>9:00–12:30pm</td>
<td>MEETING</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1:45–3:00pm</td>
<td>Joint w/EHR, GP, PHER</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3:30–5:00pm</td>
<td>Hosting: Voc</td>
</tr>
<tr>
<td></td>
<td>Wednesday</td>
<td>9:00–10:30am</td>
<td>Joint w/EHR, GP, PHER</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11:00–12:30pm</td>
<td>Hosting: Sec</td>
</tr>
<tr>
<td></td>
<td>Wednesday</td>
<td>1:45–3:00pm</td>
<td>Joint w/TSC, ArB, IC, InM, ITS, MnM, O&amp;O, Sec, SD, Templates, Voc and other interested Work Groups</td>
</tr>
<tr>
<td></td>
<td>Thursday</td>
<td>9:00–10:30am</td>
<td>Joint w/TSC, ArB, IC, InM, ITS, MnM, O&amp;O, Sec, SD, Templates, Voc and other interested Work Groups</td>
</tr>
<tr>
<td></td>
<td>Thursday</td>
<td>11:00–12:30pm</td>
<td>Hosting: PA</td>
</tr>
<tr>
<td></td>
<td>Thursday</td>
<td>1:45–5:00pm</td>
<td>MEETING</td>
</tr>
<tr>
<td></td>
<td>Friday</td>
<td>9:00–10:30am</td>
<td>Hosting: PHER</td>
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| STEERING DIVISIONS | Monday | 7:00–8:30pm | Domain Experts Foundation & Technology Structure & Semantic Design Technical & Support Services |

<table>
<thead>
<tr>
<th>STRUCTURED DOCUMENTS (SD)</th>
<th>Monday</th>
<th>9:00–5:00pm</th>
<th>MEETING</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Tuesday</td>
<td>9:00–12:30pm</td>
<td>MEETING</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1:45–3:00pm</td>
<td>Joint w/PC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3:30–5:00pm</td>
<td>Joint w/II</td>
</tr>
<tr>
<td></td>
<td>Wednesday</td>
<td>9:00–10:30am</td>
<td>Joint w/EHR, Sec</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11:00–12:30pm</td>
<td>Joint w/CDS</td>
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<tr>
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<td></td>
<td>1:45–3:00pm</td>
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</tr>
<tr>
<td></td>
<td>Thursday</td>
<td>9:00–10:30am</td>
<td>Joint w/TSC, ArB, IC, InM, ITS, MnM, O&amp;O, Sec, SD, SOA, Templates, Voc and other interested Work Groups</td>
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<tr>
<td></td>
<td>Thursday</td>
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<td>Joint w/PS, CIC, CBCC, EC</td>
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<tr>
<td></td>
<td>Thursday</td>
<td>1:45–5:00pm</td>
<td>MEETING</td>
</tr>
<tr>
<td></td>
<td>Friday</td>
<td>9:00–12:30pm</td>
<td>Joint w/Templates, Voc, PC, Tooling</td>
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<table>
<thead>
<tr>
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<td>Sunday</td>
<td>6:00–8:00pm</td>
<td>MEETING</td>
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<tr>
<td></td>
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<td>MEETING</td>
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<td></td>
<td>Tuesday</td>
<td>12:30–1:30pm</td>
<td>LUNCHEON MEETING</td>
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<tr>
<td></td>
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<table>
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<tr>
<th>TEMPLATES</th>
<th>Wednesday</th>
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<th>Joint w/PHER, SD, CDS, Pharm</th>
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<tbody>
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<td>3:30–5:00pm</td>
<td>Joint w/TSC, ArB, IC, InM, ITS, MnM, O&amp;O, Sec, SD, SOA, Templates, Voc and other interested Work Groups</td>
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<tr>
<td></td>
<td>Thursday</td>
<td>11:00–12:30pm</td>
<td>Joint w/SD, PC</td>
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<tr>
<td></td>
<td>Friday</td>
<td>9:00–12:30pm</td>
<td>Hosting: Voc, SD, PC, Tooling</td>
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<table>
<thead>
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<td>1:45–5:00pm</td>
<td>Joint w/TSC, ArB, IC, InM, ITS, MnM, O&amp;O, Sec, SD, SOA, Templates and other interested Work Groups</td>
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<tr>
<td></td>
<td>Wednesday</td>
<td>9:00–12:30pm</td>
<td>Joint w/Templates, Voc, SD, PC</td>
</tr>
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<td>Thursday</td>
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<td>Friday</td>
<td>9:00–12:30pm</td>
<td>Joint w/Templates, Voc, PC, Tooling</td>
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<table>
<thead>
<tr>
<th>VOCABULARY (VOC)</th>
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<tr>
<td></td>
<td>Tuesday</td>
<td>9:00–3:00pm</td>
<td>MEETING</td>
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<tr>
<td></td>
<td>Tuesday</td>
<td>3:30–5:00pm</td>
<td>Joint w/ SOA</td>
</tr>
<tr>
<td></td>
<td>Wednesday</td>
<td>9:00–10:30am</td>
<td>Joint w/MnM</td>
</tr>
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<td>11:00–12:30pm</td>
<td>Hosting: MnM</td>
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<tr>
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<td></td>
<td>1:45–3:00pm</td>
<td>Joint w/TSC, ArB, IC, InM, ITS, MnM, O&amp;O, Sec, SD, SOA, Templates and other interested Work Groups</td>
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<td></td>
<td>Thursday</td>
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<td>Hosting: IC</td>
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<td></td>
<td>11:00–3:00pm</td>
<td>MEETING</td>
</tr>
<tr>
<td></td>
<td>Friday</td>
<td>9:00–12:30pm</td>
<td>Joint w/Templates, SD, PC, Tooling</td>
</tr>
</tbody>
</table>

**DISCLAIMER:** Meeting times are subject to change. Please attend the daily General Sessions for room changes, meeting changes, additions and deletion notification. Also check the bulletin boards near the HL7 Registration Desk for updates each day.
“EARLY BIRD” RATE DEADLINE
Advance meeting registration, including payment, is required by December 11, 2009 to receive the discounted rates. Otherwise the full fee structure will apply. Consult the registration form (pages 21-22) for a schedule of meeting fees.

TO REGISTER
Please complete the registration form on pages 21-22 and mail it (along with a check payable to Health Level Seven in U.S. funds ONLY) to:

Health Level Seven
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 due 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 December 18, 2009. 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.

PLEASE BOOK YOUR ROOM AT THE HL7 MEETING RESORT
HL7 urges all meeting attendees to secure their resort reservation at the HL7 Working Group Meeting host resort. 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 resort, HL7 risks falling short on its obligation, which translates in HL7 paying additional costs (penalties) to the resort. Should this occur, HL7 will likely be forced to pass these costs onto our attendees. Therefore, to avoid any additional fees, we urge you to book your resort room at our host resort. Thank you!

RESORT INFORMATION
HL7's January Working Group Meeting will be held at the Pointe Hilton Squaw Peak Resort.

Pointe Hilton Squaw Peak Resort
7677 North 16th Street
Phoenix, AZ 85020
Phone: +1 (602) 977-2626
Reservations: +1 (800) 876-4683
Website: www.squawpeakhilton.com

To reserve your room, the resort has set up a special website registration process just for HL7 attendees. HL7 attendees should log on to http://www.hilton.com/en/hi/groups/personalized/PHXSPPRHRK-20100117/index.jhtml and simply follow the reservation instructions. Please note the group rate rooms are run of the house, which means the room type is based on the best available at check in, not prior to arrival. Room type will be available on the registration form, but it is only a request. Requests will be noted and are based on availability.

Alternatively, you can call +1 (800) 876-4683 for reservations. Be sure to mention Health Level Seven to receive the discounted room rate of $159 per night for single or double occupancy. The government rate is $140 per night for 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, space is limited, so reserve your room early. Discounted room rates are available only on reservations made before December, 18, 2009. 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.

The resort features several recreational facilities, including the Hole-in-the-Wall River Ranch with four acres of cascading waterfalls, secluded waterways, three swimming pools, a lazy river for tubing, 18-hole putting course and a 130-foot waterslide back dropped by dramatic mountain scenery.

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

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

GROUND TRANSPORTATION AND PARKING
The Pointe Hilton Squaw Peak is approximately 20 minutes, or 10 miles, from Sky Harbor International Airport.

Super Shuttle—The Super Shuttle can be arranged by calling +1 (602) 244-9000 for individuals or +1 (602) 225-2225 for groups. The fare is $17 per person one way. If you choose this option, please be aware that the shuttle may stop at other destinations prior to reaching the resort.

Taxi service is also available for approximately $28-$35 one way. The Pointe Hilton Squaw Peak Resort offers complimentary self-parking throughout the property. Complimentary valet parking is also available.
MEETING REGISTRATION FORM

1. Contact Information

End of day on December 11, 2009 is the deadline for Early Bird fees. Resort reservations and all advance registrations must be received by end of day on December 18, 2009. 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

Are you a member within the last 30 days?  Emergency Contact

2. Survey & Information

I am a/an: □ Affiliate Chair  □ Facilitator — Vocabulary  □ HL7 Board Member  □ Past Board Chair
□ Facilitator — MnM  □ Facilitator — Steering Division  □ HL7 Work Group Co-Chair  □ Tutorial Speaker
□ Facilitator — Publishing  □ First-Time WGM Attendee

I am a member of an HL7 International Affiliate, employee of an HL7 organizational member or member of another eligible organization (ASC X12, ADA, ASTM, CDISC, CEN/TC 251, CHCF, DICOM, GSI, The Health Story Project, IEEE, IHE, Medisquitos, NAACCR, NCPDP, SNO/MED/HTSDO) and eligible for the member rate. Please list affiliate or organization:

I am an approved participant in the student program and eligible to receive □ Discounted fees  □ Waived fees (appropriate forms have been completed and sent to HL7).

University attending: ________________________________ Student # __________

Meal Requirements: □ Diabetic  □ Regular  □ Vegetarian

Please indicate if you plan to attend any of these functions:

□ International Council (Sunday)  □ Co-Chair Dinner/Meeting (Monday)  □ HL7 Networking Reception (Wednesday)
□ Affiliate Chair or Designated Rep Luncheon (Thursday)

Deadline for Discounted Rates: Payment must be received by December 11, 2009 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 on-site 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.

□ $35 □ $35 □ $35 □ $35 □ $1,350 $ __________

□ $770 □ $1,045 □ $1,045 □ $1,350 $ __________

□ $220/day □ $290/day □ $290/day □ $360/day $ __________

Members

Non-Members

Amount Due

□ Monday  □ Tuesday  □ Wednesday  □ Thursday  □ Friday

___________ days attending x fee: $ __________

Registrations sent by mail or fax will not be processed until payment is received. The “Early Bird” rate will not apply if payment is received after the cutoff date.

Registration questions: Please e-mail reginfo@HL7.org. You will receive confirmation of registration by email. If you have not received a confirmation of registration within two weeks after registration, please call Mary Ann Boyle at +1 (734) 677-7777. Please bring your confirmation materials to the meeting with you.
**MEETING REGISTRATION FORM (CONTINUED)**

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

<table>
<thead>
<tr>
<th>Members</th>
<th>Non-Members</th>
</tr>
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<tbody>
<tr>
<td>Before 12/11</td>
<td>After 12/11</td>
</tr>
<tr>
<td>Amount Due</td>
<td>$____________</td>
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**CME Credit:**  
CME credit eligible only to physicians. (Must complete one of the approved tutorials.)

<p>| | | | |</p>
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<tbody>
<tr>
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<td>$25</td>
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**SUNDAY**

- ☐ Track 4 – Information Forums: First-Time Attendees’ Orientation – FREE TUTORIAL (F1) — MUST SIGN UP to attend this tutorial (Please check the box.)
- ☐ Track 4 – Information Forums: Organization & Process Orientation/Intro – FREE TUTORIAL (F2) — MUST SIGN UP to attend this tutorial (Please check the box.)

**MONDAY**

**Morning Sessions**

- ☐ Track 4 – Information Forums: First-Time Attendees’ Orientation – FREE TUTORIAL (F3) — MUST SIGN UP to attend this tutorial (Please check the box.)
- Track 1 – Version 2 Core: Introduction to Version 2, Part 1 (M1)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 2 – Version 3 Core: Introduction to Version 3, Part 1: Fundamentals (M2)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 3 – Special Topics: Introduction to Vocabulary (M3)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |

**Afternoon Sessions**

- Track 1 – Version 2 Core: Introduction to Version 2, Part 2 (M4)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 2 – Version 3 Core: Introduction to Version 3, Part 2: Messaging (M5)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 3 – Special Topics: Advanced Application of Vocabulary in HL7 (M6)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |

**TUESDAY**

**Morning Sessions**

- Track 2 – Version 3 Core: Version 3 Messaging Implementation, Part 1 (T7)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 2 – Version 3 Core: Version 3 Implementation for Project Managers (T8)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- ☐ Track 4 – Information Forums: HL7 Organization & Process Orientation/Intro – FREE TUTORIAL (F4) — MUST SIGN UP to attend this tutorial (Please check the box.)

**Afternoon Sessions**

- Track 2 – Version 3 Core: Version 3 XML ITS and Data Types (T9)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 2 – Version 3 Core: Version 3 Messaging Implementation, Part 2 (T10)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 3 – Special Topics: Introduction to Electronic Health Record (T11)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |

**WEDNESDAY**

**Morning Sessions**

- Track 1 – Version 2 Core: Version 2.5/2.6 Control Specialist Cert. Review(W12)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 2 – Version 3 Core: Introduction to Clinical Document Architecture (W13)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 3 – Special Topics: Electronic Health Record, Advanced (W14)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |

**Afternoon Sessions**

- Track 2 – Version 3 Core: Clinical Document Architecture Advanced (W15)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 2 – Version 3 Core: HL7 Version 3 RIM Certification Exam Review (W16)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 2 – Version 3 Core: Continuity of Care Document (W17)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- ☐ Track 4 – Information Forums: Project Insight Project Management Tool – FREE TUTORIAL (F5) — MUST SIGN UP to attend this tutorial (Please check the box.)

**THURSDAY**

**Morning Sessions**

- Track 2 – Version 3 Core: HL7 CDA Specialist Certification Review (TH18)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 3 – Special Topics: Domain Analysis Model (TH19)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 3 – Special Topics: Services and Service - Awareness in HL7 (TH20)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- ☐ Track 4 – Information Forums: Newly Elected Co-Chair Training – FREE TUTORIAL (F6) — MUST SIGN UP to attend this tutorial (Please check the box.)
- ☐ Track 4 – Information Forums: Brazil Essentials for the May Rio de Janeiro Meeting – FREE TUTORIAL (F7) — MUST SIGN UP to attend this tutorial (Please check the box.)

**Afternoon Sessions**

- Track 2 – Version 3 Core: Version 3 Specification Development Tools (TH21)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 3 – Special Topics: Personal Health Record (TH22)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |
- Track 3 – Special Topics: SAEAF Behavioral Framework (TH23)  
  | | | | | | |
  | | $110 | $215 | $215 | $325 | $___________ |

**Evening Sessions**

- Track 1 – Version 2 Core: HL7 Version 2.5/2.6 Control Specialist Cert. Exam (TH24)  
  | | | | | | |
  | | $145 | $145 | $215 | $215 | $___________ |
- Track 2 – Version 3 Core: HL7 CDA Specialist Certification Exam (TH25)  
  | | | | | | |
  | | $145 | $145 | $215 | $215 | $___________ |
- Track 2 – Version 3 Core: HL7 Version 3 RIM Certification Exam (TH26)  
  | | | | | | |
  | | $145 | $145 | $215 | $215 | $___________ |

4. **Payment Information**

Payment must be included in order to process your registration. Method of Payment (U.S. Dollars, Drawn on U.S. Bank Only)

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

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UPCOMING WORKING GROUP MEETINGS

Rio de Janeiro, Brazil
May 16 – 21, 2010
Working Group Meeting
Windsor Barra Hotel & Congressos

Cambridge, MA
October 3 – 8, 2010
24th Annual Plenary & Working Group Meeting
Hyatt Regency Cambridge

Lake Buena Vista, FL
January 9 – 14, 2011
Working Group Meeting
Hilton in the Walt Disney World Resort
Desert character. It can't be conjured, landscaped or kindled with twinkling bulbs. John Ford knew that. So did Frank Lloyd Wright and Louis L’Amour. Spend a few days in Greater Phoenix and you’ll understand, too. America’s fifth-largest city still has cowboys and red-rock buttes and the kind of cactus most people see only in cartoons. It is the heart of the Sonoran Desert and the gateway to the Grand Canyon. Its history is a testament to the spirit of puebloans, ranchers, miners and visionaries. No matter what time of year you visit Greater Phoenix, you’ll find plenty of things to see and do. More than 300 days of annual sunshine mean you can count on exceptional weather as you experience the rich diversity of the Sonoran Desert Playground.

The near-perfect weather goes hand-in-hand with exciting recreation and adventure activities, which can be enjoyed year-round. Experience a wide range of tours and sightseeing excursions, whether by Jeep or hot-air balloon, on horseback, or even by boat. Of course golf is one of the most popular outdoor activities, as Greater Phoenix provides more than 200 pristine courses.

More than three dozen luxurious resorts are scattered throughout the Valley, many of which provide spectacular spas that offer special treatments native to Arizona. Visitors also take pleasure in an exceptional dining scene, featuring everything from savory steaks to exquisite Southwestern fare. After your meal, don’t miss the area’s dynamic nightlife.

Thanks to several major projects and developments in Downtown Phoenix-Copper Square, the area is brimming with energy and excitement. Arts and performances flourish throughout the metro area, and in terms of sporting events, Phoenix is a sport’s lover’s dream. Passionate shoppers will find an array of fabulous malls, unique boutiques, and antique shops in which to indulge.

With so many ways to keep busy, or simply lounge around and do nothing at all, it’s easy to see why visitors find themselves completely satisfied in Greater Phoenix.

Copy courtesy of the Greater Phoenix Convention & Visitors Bureau.