May International Working Group MEETING

Hyatt Regency Paris - Charles de Gaulle
May 10-15, 2015

Register Today!
Early Bird Registration Cutoff—April 13, 2015
Online Registration Cutoff—April 20, 2015
Hotel Registration Cutoff—April 27, 2015

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

- HL7 FHIR®
- Consolidated CDA®
- Policy Summit
- Learning Health Systems
- Healthcare Standards Integration
- Biomedical Research Integrated Domain Group (BRIDG)
# 20 Things to See & Do in Paris

1. Notre-Dame Cathedral
2. Musée du Louvre
3. Eiffel Tower
4. Musée d’Orsay
5. Sacré-Cœur and Montmartre
6. Père-Lachaise Cemetery
7. Le Marais Neighborhood
8. Versailles Palace
9. Palais Garnier - Opera National de Paris
10. Luxembourg Gardens
11. Arc de Triomphe and Champs-Élysées
12. Latin Quarter
13. Musée de l’Orangerie
14. Centre Pompidou
15. Paris Catacombs
16. Musée Rodin
17. Panthéon
18. Sainte-Chapelle
19. Pont Alexandre III
20. Les Invalides
I have previously written about the support that continues to build for HL7 FHIR® as the way forward for true interoperability. I am grateful for the forward thinking leadership of the HL7 CEO Dr. Charles Jaffe in supporting this effort and for Grahame Grieve, Lloyd McKenzie, David Hay, Ewout Kramer and many others for their technical leadership of FHIR. However, I think that to meet its full potential, FHIR will need to have increasing input from clinical experts. These experts would have three distinct but closely related responsibilities.

The first role of expert clinicians would be to provide the expert clinical knowledge necessary for the creation of FHIR profiles. FHIR resources alone are not sufficient to achieve true interoperability, which is why mechanisms have been defined for creating FHIR profiles. There is the need to create FHIR profiles that make the structure and semantics (codes) of data in FHIR services clinically accurate and complete. Clinical experts are the people that have the knowledge to do this.

The second role or responsibility for the clinical experts is to agree to the set of profiles that will be used for truly interoperable services. Anyone is allowed to create FHIR profiles. It is important that developers have the freedom to create FHIR profiles so they can guarantee that their use cases can be satisfied. At the same time, this freedom poses a potential threat to interoperability. If everyone exercises their right to make profiles, and the profiles they create are different, then there is no agreed standard for interoperability. Cardiologists, gastroenterologists, pediatricians, and obstetricians could all make different profiles for the same clinical findings, which could in turn be different from profiles produced for sharing public health data, which could be different still from profiles created for clinical quality reporting. This diversity of profiles would lead to a “Tower of Babel on FHIR,” which would be a bad outcome for those that are looking to FHIR to solve the interoperability problem. We need an authoritative clinical body to approve a set of profiles for the purpose of supporting truly interoperable FHIR services.

The final responsibility for the clinical experts is to say what data is important to share. It is possible that FHIR could provide an excellent solution for technical interoperability, but if clinical systems are collecting data in fundamentally different ways then there would not be consistent data to drive advanced decision support or to be the basis for comparing the quality of care across different organizations. For example, smoking history could be represented by number of pack years, earliest age of smoking, type of tobacco product, etc. All of these findings relate to smoking, but they are not mutually substitutable for calculating smoking statistics or for correlations with health impact. Clinicians need to decide what data is important to share and commit to collecting data that supports interoperability. Paraphrasing Wes Rishel, we need “business interoperability” before we can harvest the value of technical interoperability.

I think the issues above create a compelling need to have greater involvement of clinical experts in FHIR. We should look for ways to enlist help from professional organizations, create new relationships, and ensure that we have an organization and a process in place that will allow them to effectively contribute their part in making FHIR a truly interoperable solution.

Stanley M. Huff, MD
Chair, Health Level Seven International Board of Directors
2014—2015
Schedule at a Glance

Saturday, May 9
9:00 – 5:00pm  TSC Meeting

Sunday, May 10
8:30 – 5:00pm  REGISTRATION
9:00 – 12:30pm  FHIR® Connectathon
9:00 – 1:45pm  Architectural Review Board (ARB)
1:45 – 3:00pm  Modeling and Methodology (MnM)
1:45 – 5:00pm  Application Implementation and Design (AID)
3:30 – 5:00pm  FHIR Facilitators & Co-Chairs Coordination and Update Session
4:00 – 5:00pm  First-Time Attendees’ Orientation – FREE TUTORIAL
5:00 – 6:00pm  Organization and Process Orientation/Introduction – FREE TUTORIAL
5:30 – 6:30pm  TSC Meeting
6:00 – 7:00pm  Affiliate Sponsored Reception with Poster Boards
7:00 – 8:30pm  Ebola Case Study: Public Health, Interoperability and International Disaster Settings

Monday, May 11
7:00 – 8:00am  First-Time Attendees’ Orientation – FREE TUTORIAL
7:00 – 5:00pm  REGISTRATION
7:30 – 8:30am  Breakfast
8:00 – 5:00pm  Welcome and Policy Summit
10:30 – 11:00am  Morning Break
12:30 – 1:30pm  Education Facilitators’ Roundtable Luncheon/Meeting
12:30 – 1:30pm  FHIR Management Group Luncheon/Meeting
1:45 – 3:00pm  Work Group Meetings
1:45 – 5:00pm  Standards for Interoperability
1:45 – 5:00pm  Introduction to HL7 FHIR
3:00 – 3:30pm  Afternoon Break
6:00 – 10:30pm  Networking Reception – Social/Cruise

Tuesday, May 12
7:00 – 8:00am  Nurses Breakfast/Meeting
7:00 – 5:00pm  REGISTRATION
7:30 – 8:30am  Breakfast
8:00 – 12:30pm  General Session – HL7 CEO, International Council Reports, Announcements and Policy Summit
9:00 – 5:00pm  Working Group Meetings
10:30 – 11:00am  Morning Break
12:30 – 1:30pm  Lunch – HL7 Board of Directors’ Affiliates’ Luncheon
1:45 – 5:00pm  Board of Directors’ Meeting
1:45 – 5:00pm  Version 3 Principles Used in CDA
1:45 – 5:00pm  FHIR for Architects
3:00 – 3:30pm  Afternoon Break
5:05 – 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

Wednesday, May 13
7:00 – 8:00am  Physicians Breakfast/Meeting
7:30 – 8:30am  Breakfast
7:30 – 5:00pm  REGISTRATION
8:00 – 8:45pm  General Session – HL7 CTO, TSC, Board Report, Recognition and Announcements
9:00 – 10:30am  Overview of GS1 System of Standards and Its Interactions with HL7
9:00 – 12:30pm  Introduction to Clinical Document Architecture
9:00 – 12:30pm  FHIR Profiling
9:00 – 12:30pm  Working Group Meetings
10:30 – 11:00am  Morning Break
12:30 – 1:30pm  TSC Luncheon/Meeting
1:45 – 5:00pm  Clinical Document Architecture – Advanced
1:45 – 5:00pm  Introduction to FHIR for Developers
3:00 – 3:30pm  Afternoon Break
3:30 – 5:00pm  Product Line Architecture Program

Thursday, May 14
7:00 – 7:45am  Newly Elected Co-Chair Training – FREE TUTORIAL
7:30 – 8:30am  Breakfast
7:30 – 5:00pm  REGISTRATION
8:00 – 8:45pm  General Session – Announcements
9:00 – 12:30pm  HL7 2.7 Control Specialist Test Preparation
9:00 – 12:30pm  HL7 CDA Specialist Certification Test Preparation
9:00 – 12:30pm  Consolidated CDA
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  XDS and CDA
1:45 – 5:00pm  Fundamentals in Vocabulary
1:45 – 5:00pm  IHE and HL7
3:00 – 3:30pm  Afternoon Break
5:30 – 7:30pm  HL7 Version 2.7 Control Specialist Certification Test (The testing room opens at 4:00 pm. Please arrive no later than 5:30 to begin testing.)
5:30 – 7:30pm  HL7 CDA Specialist Certification Test Test (The testing room opens at 4:00 pm. Please arrive no later than 5:30 to begin testing.)
5:30 – 7:30pm  HL7 Version 3 RIM Certification Test (The testing room opens at 4:00 pm. Please arrive no later than 5:30 to begin testing.)
5:30 – 8:00pm  MnM, FHIR & Vocabulary Facilitators’ Roundtable

Friday, May 15
8:00 – 8:45am  No General Session
8:00 – 9:00am  Breakfast
8:00 – 1:00pm  Staff will be on hand for questions and assistance
9:00 – 12:30pm  Working Group Meetings
9:00 – 5:00pm  FHIR Clinician Connectathon
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 development organization, HL7 meetings are open.
# POLICY SUMMIT AGENDA

## Sunday, May 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>6:00–7:00 pm</td>
<td>Affiliate Sponsored Reception with Poster Boards</td>
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<tr>
<td>7:00 -8:30 pm</td>
<td><strong>Ebola Case Study: Public Health, Interoperability and International Disaster Settings</strong>&lt;br&gt;&lt;br&gt;<em>Dr. Edward Kelley:</em> Director, Service Delivery &amp; Safety, Health Systems Innovation Cluster, World Health Organization&lt;br&gt;&lt;br&gt;<em>Donna Medeiros:</em> Project Lead, Guinea Ebola Surveillance Evaluation</td>
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## Monday, May 11

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>8:00–8:15 am</td>
<td><strong>Welcoming Address and Announcements</strong>&lt;br&gt;&lt;br&gt;<em>Charles Jaffe, MD, PhD:</em> Chief Executive Officer, HL7&lt;br&gt;&lt;br&gt;<em>Nicolas Canu:</em> HL7 France Affiliate Chair</td>
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## SUMMIT PANELS

### Panel One: An Update on French eHealth and Standards Initiatives

- **Nicolas Canu:** HL7 France Affiliate Chair<br>- **M. Gerard Domas:** President, l’association Interop’Sante<br>- **Philippe Burnel:** Délégué à la Stratégie des Systèmes d’Information de Santé (Health Information Systems Strategies Delegate), French Health Ministry (Ministere de la Sante Francaise)

### Panel Two: Plugging into Regional and Global Interoperability Frameworks

- **Dr. Karen DeSalvo:** US National Coordinator for Health Information Technology (Invited)<br>- **Ferraz de Simao Campos:** Counsellor, ITU-T Study Group 16 (eHealth and Standardization), International Telecommunication Standardization Bureau<br>- **Bobby Jefferson:** Director, Center for Development Informatics, Futures Group<br>- **Mr. Mwenda Gitonga:** Senior Technical Manager, Datawarehouse at Futures Group International, Kenya

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>10:30–11:00 am</td>
<td><strong>Coffee Break</strong></td>
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<td>11:00–12:30 pm</td>
<td><strong>Panel Three: Identification of Medicinal Products and HL7 Structured Product Labeling</strong>&lt;br&gt;&lt;br&gt;<em>Mary Ann Slack:</em> Director, Center for Drug Evaluation and Research, US Food and Drug Administration (FDA)&lt;br&gt;<em>Panagiotis Telonis:</em> Scientific Administrator, EudraVigilence and International Standardization in Pharmacovigilence, European Medicine Agencies&lt;br&gt;<em>William Friggle:</em> Senior Director, Sanofi&lt;br&gt;<em>Hugh Glover:</em> Partner, Blue Wave Informatics&lt;br&gt;<em>Isabelle de Zegher:</em> Worldwide Director, Clinical Data Standards, Parexel Informatics</td>
</tr>
</tbody>
</table>
1:45–3:00 pm  **Multiple Clinical HL7 Work Group Reports and Policy Links**

This quarter will provide an overview from nine of the HL7 work groups which have a clinical focus. Each work group will provide a 10 minute overview of the work that has been completed, is in process, or is new. The representative of each work group will also describe the focus areas for this meeting. We hope that this will not only give you an idea of what the various work group activities are, and how the work groups relate, but also provide some assistance with planning your time during the meeting.

3:30–5:00 pm  **A New Framework for Electronic Healthcare Claims Exchange in the Kingdom of Saudi Arabia**

The presenters will review how international standards, including HL7 Version 3 and HL7 Fast Healthcare Interoperability Resources (FHIR), are being used to implement the Saudi Health Insurance Bus (SHIB) to improve the quality of health insurance services provided to beneficiaries, and provide the Council of Cooperative Health Insurance (CCHI) with the tools to monitor and regulate the health insurance industry.

Eng. Wael al Dahhasi: Director - Electronic Transactions Department, Council for Cooperative Health Insurance, Kingdom of Saudi Arabia

Paul Knapp: Co-Chair, HL7 Financial Management Work Group; Co-Chair, HL7 Implementable Technology Specifications Work Group; Chair, HL7 UDI Task Force

Benoit Schoeffler: Chief Architect - Almerys, France

Andy Stechishin: Co-Chair, HL7 Application Implementation and Design Work Group; Co-Chair, HL7 Electronic Services and Tools Work Group; Co-Chair, HL7 Implementable Technology Specifications Work Group

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**Tuesday, May 12**

8:00–8:30 am  **CEO Report, International Council Report and Announcements**

Charles Jaffe, MD, PhD: Chief Executive Officer, HL7 International

Melva Peters: Chair, HL7 Canada

Mark McDougall: Executive Director, HL7 International

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**SUMMIT PANELS**

8:30–10:00 am  **Panel One: Lessons in Transformative Healthcare and Interoperability**

Catherine Chronaki: HL7 European Office Head and Chair, HL7 International Foundation

Bernd Blobel, PhD, FHL7: HL7 Germany

John Gachago: HL7 Africa Ambassador, e/mHealth Consultant, JWG Global Ltd


10:00–10:30 am  **Address: FHIR and the Future of Healthcare**

Ewout Kramer: HL7 FHIR Lead and R & D Coordinator, Furore

10:30–11:00 am  **Coffee Break**

11:00–12:30 pm  **Panel Two: Interoperability and Private Sector Innovation in Europe**

Martin Denz, MD: ETHEL President Emeritus

Jean-Francois Forget, MD: Chief Medical Officer, Vidal Group

Martin Praeger: Representative, European Association for Small and Medium Enterprises (UEAPME)

Pierre-Yves Lastic: Associate Vice President and Chief Privacy Officer, Sanofi
What is a Working Group Meeting?

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

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

Standards Development

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

Please see pages 16-21 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, Clinical Document Architecture (CDA®), and HL7 Fast Healthcare Interoperability Resource (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 8-14.

Education Tracks

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 as well as XML for Version 2.

Track 2 – Version 3 and CDA® Core
HL7 Version 3 is HL7’s model-driven architecture allowing for better semantic interoperability and has been adopted by major healthcare organizations, such as the NHS in England. This track is designed to give the attendee a thorough introduction to the Version 3 family of standards. It covers Version 3 fundamentals, the Reference Information Model (RIM), messaging, documents (Clinical Document Architecture), messaging infrastructure (wrappers, transport), and the XML Implementation Technology Specification (ITS). It concludes with classes that address strategies for implementation.

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

Track 4 – HL7 FHIR®
This track provides tutorials and other activities focused on HL7’s new Fast Healthcare Interoperability Resources (FHIR®) standard. It includes a mixture of tutorials, hands-on development at the Connectathon, and interactive presentations to bring implementers and decision makers up to speed and ready to use the standard in their own environments.

Track 5 – 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.
Tutorials at HL7 working group meetings are an additional fee to the daily meeting registration fees. Please note that tutorials listed as free still require payment of the daily meeting fee. To register for tutorials, please select each tutorial you would like to take on page 26 of the registration form.

**TH9 – Version 2.7 Control Specialist Certification Test Preparation**

Thursday, May 14 / 9:00 am – 12:30 pm

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

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

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

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

**TH15 – Version 2.7 Control Specialist Certification Test (Laptop Required)**

Thursday, May 14 / 5:30 pm – 7:30 pm

The testing room opens at 4:00 pm. Please arrive no later than 5:30 to begin testing.

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 no longer offer 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.

**T3 – Version 3 Principles Used in CDA**

Tuesday, May 12 / 1:45 pm – 5:00 pm

Clinical Document Architecture (CDA®) is represented in XML and uses the HL7 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, including 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

**HL7 MEETINGS ARE GREEN**

Bring your laptop to your tutorials!

To reduce HL7’s carbon footprint, our meetings are largely paperless. 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 ensure their tablet can open zip files.
Prerequisites:
• The course will assume that participants have basic XML skills, and general knowledge of the HL7 RIM concepts and the Clinical Document Architecture

Faculty:
Kai Heitmann, MD, FHL7: Board Member, HL7 Germany; Heitmann Consulting and Services

W5 – Introduction to Clinical Document Architecture
Wednesday, May 13 / 9:00 am – 12:30 pm

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

This Tutorial Will Benefit:
• New implementers
• Standards developers
• Policy makers

Upon Completion of This Tutorial, Students Will Have:
• The knowledge of the history, and core principles of CDA
• The ability to explain the core structures of CDA, and where they are appropriately used
• Basic skills necessary to understand the CDA standard and existing CDA implementation guides

Prerequisites:
• Introduction to Version 3 (Part 1) recommended

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

W7 – Clinical Document Architecture – Advanced
Wednesday, May 13 / 1:45 pm – 5:00 pm

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

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

Upon Completion of This Tutorial, Students Will:
• Have an overview of CDA’s components
• Have insight into the XML markup required to implement solutions
• Have a better understanding of the issues surrounding semantic interoperability using CDA

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

Faculty:
Calvin Beebe: Treasurer, HL7 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

TH10 – CDA Specialist Certification Test Preparation
Thursday, May 14 / 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
• Introduction to Version 3 (Part 1) as well as the CDA Introductory and Advanced tutorials are strongly recommended

Faculty:
Calvin 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
TH12 – XDS and CDA
Thursday, May 14 / 1:45 pm – 5:00 pm
This tutorial provides an overview of IHE XDS and its relationship with HL7 standards. CDA is commonly used as the payload, and FHIR is an optional transport mechanism.

This Tutorial Will Benefit:
• Those involved with the design, development, implementation, deployment and support of a standards based health exchange

Upon Completion of This Tutorial, Students Will Know:
• The key IHE profiles that support information exchange
• The importance of document metadata management
• How to explain the relationships between IHE XDS and HL7 standards such as CDA, HL7 Version 2 and FHIR

Prerequisites:
• Attendees should have a basic understanding of healthcare workflows
• Attendees should be familiar with the core aspects of the CDA standard
• Attendees should have a basic familiarity with the IHE process and with FHIR (introductory videos will be made available online prior to the tutorial)

Faculty:
René Spronk: Tutor, Ringholm; Co-Chair, HL7 Application Implementation and Design Work Group

TH16 – HL7 CDA Specialist Certification Test (Laptop Required)
Thursday, May 14 / 5:30 pm – 7:30 pm
The testing room opens at 4:00 pm. Please arrive no later than 5:30 to begin testing.

Health Level Seven International is pleased to offer certification testing on HL7 CDA Release 2. 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 no longer offer 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.

TH17 – HL7 Version 3 RIM Certification Test (Laptop Required)
Thursday, May 14 / 5:30 pm – 7:30 pm
The testing room opens at 4:00 pm. Please arrive no later than 5:30 to begin testing.

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 no longer offer 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.

M1 – Standards for Interoperability
Monday, May 11 / 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; Chair, HL7 Argentina; Co-Chair, HL7 Education Work Group; Co-Author and Coordinator, HL7 Fundamentals Online Course, Argentina; Chief Developer and Manager, Kern-IT SRL

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**TH11 – Consolidated CDA**  
**Thursday, May 14 / 9:00 am – 12:30 pm**

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

**This Tutorial Will Benefit:**
- New implementers
- Standards developers
- Policy makers

**Upon Completion of This Tutorial, Students Will Know:**
- Navigate the Consolidated CDA standard
- Explain templated CDA and how it streamlines development
- Locate additional C-CDA requirements to meet MU stage 2
- Using online validators to build conformant documents

**Prerequisite:**
- Introduction to CDA

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

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**TH13 – Fundamentals in Vocabulary**  
**Thursday, May 14 / 1:45 pm – 5:00 pm**

This tutorial introduces the concepts and principles of vocabulary, vocabulary standards and best practice in healthcare. It also covers the relationship of vocabulary to information models.

**This Tutorial Will Benefit:**
- Users of healthcare terminological resources
- Implementers of standards such as HL7
- Implementers of healthcare systems
- Decision makers on health information or systems
- Developers of healthcare standards for information representation or exchange

**Upon Completion of This Tutorial, Students Will Be Able To:**
- Understand what is meant when we talk of vocabulary, terminology, code system and how these apply in healthcare today
- Understand the relationship of terminology to the information models when establishing vocabulary content
- Apply the principles of a good terminology
- Determine what is to be represented (what meaning and use case is intended)
- Understand the basics of HL7 terminology artefacts (including tables, code systems, value sets, concept domains, data types, HL7 product variations, and other terminological resources)
- Understand the functionality offered by major tools available (Including CTS)
- Understand why code system governance, appropriate use and implementation is essential to safe and effective healthcare

**Faculty:**
*Ted Klein, MS, FHL7:* Chair, HL7 Vocabulary Work Group; Klein Consulting Inc.

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**TH14 – IHE and HL7**  
**Thursday, May 14 / 1:45 pm – 5:00 pm**

Integrating the Healthcare Enterprise (IHE) uses numerous standards to support development and deployment of interoperable Health IT solutions, including those from HL7.

This tutorial provides an overview of the IHE organization and its structure. It explains how HL7 standards are used and profiled by the organization, and identifies some of the key IHE specifications using HL7 standards. Finally, it shows how the success of IHE in deploying interoperability solutions has impacted the use and design of HL7 standards.
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 Be Able To:
- Understand the value proposition for standards-based interoperability, and the challenges to implementation
- Understand the IHE process for use case driven interoperability specification, testing, and deployment
- Select IHE Integration Profiles appropriate for specific intra-institutional and cross-enterprise data exchange purposes

Faculty:
Keith Boone: Standards Geek, GE Healthcare

FHIR Connectathon
Saturday, May 9, 9-5:00 pm
Sunday, May 10, 9-12:30 pm

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

Participation in the Connectathon will be as part of one of several tracks. Participants will be asked to confirm which track they wish to follow a few days in advance of the Connectathon (based on their level of readiness as well as area of interest). Details on the scenarios for both tracks as well as information on pre-Connectathon discussion forums can be found on the Connectathon website here: http://wiki.hl7.org/index.php?title=FHIR_Connectathon_9.

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.

There is a cost difference for participants verses observers. The reason for the cost difference 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. All participants will be seated first. Observers will be on a waiting list.

M2 – Introduction to HL7 FHIR
Monday, May 11 /1:45 pm – 5:00 pm

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

This Tutorial Will Benefit:
- Analysts, vendors, and project managers

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

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

T4 – FHIR for Architects
Tuesday, May 12 / 1:45 pm – 5:00 pm

FHIR is attracting a great deal of attention as the next “great thing” in healthcare interoperability. This course will help participants understand where and how FHIR might fit into their healthcare interoperability environment and give them the tools to make judgements about when or if FHIR might be an appropriate solution for their healthcare IT needs.
This Tutorial Will Benefit:
• Architects, technical managers, and other healthcare IT decision-makers involved in solution design

Upon Completion of This Tutorial, Students Will Be Able To:
• Explain how FHIR may be used in different interoperability paradigms
• Describe how FHIR can fit in different locations in the architectural stack
• Identify architectural considerations that apply to FHIR and determine how best to address those in their own FHIR solutions
• Explain where and how Profiles fit into an architectural solution
• Give guidance on if, when and how FHIR might be used within their own organization

Prerequisites:
• Introduction to FHIR or basic familiarity with the FHIR standard and concepts
• Some knowledge of healthcare IT architecture could also be useful

Faculty:
Jean-Henri Duteau: Co-Chair, HL7 Modeling and Methodology Work Group; Co-Chair, HL7 Patient Care Work Group; Affiliate Representative, HL7 Technical Steering Committee; Facilitator, HL7 Public Health and Emergency Response Work Group; Facilitator, HL7 Pharmacy Work Group; HL7 Messaging Expert, Alberta Health; Owner, Duteau Design Inc.

W6 – FHIR Profiling
Wednesday, May 13 / 9:00 am – 12:30 pm

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

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

This Tutorial Will Benefit:
• Data modelers, standards developers and HL7 Version 3 template authors who want to start using FHIR

Upon Completion of This Tutorial, Students Will:
• Know the principal components of a FHIR profile
• Understand how domain information requirements translate to profile constructs
• Know the role profiles play in validation and conformance

Prerequisites:
• Write a FHIR profile for a message, document or single resource or data type
• Know where and how to register and find existing profiles

Faculty:
Michel Rutten: Technical Specialist, Furore; Lead Developer of Forge FHIR Profile Editor

W8 – Introduction to FHIR for Developers
Wednesday, May 13 / 1:45 pm – 5:00 pm

This tutorial is a deep-dive 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 of interoperability paradigms supported by FHIR
• Understand the FHIR REST service operations and how to implement them
• Understand how the Atom, XML and JSON wire formats are used in FHIR
• Understand versioning and bundles
• Compare strategies for using object models, validation and (de)serialization
• Use relational or document-oriented storage for persistence of resources
• Understand how to implement search functionality
• Know and use the provided reference implementations

Prerequisites:
• An Introduction to HL7 FHIR

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

TRACK 5—INFORMATION FORUMS

F1/F3 – First-Time Attendees’ Orientation – FREE TUTORIAL
Sunday, May 10 / 4:00 pm – 5:00 pm
Monday, May 11 / 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:
Brett Marquard: Co-Chair, HL7 Structured Documents Work Group; Principal, River Rock Associates
Melva Peters: HL7 Affiliate Chair, HL7 Canada; HL7 Co-Chair, Education Work Group; HL7 Co-Chair, International Council; HL7 Co-Chair, Pharmacy Work Group; Domain Experts Co-Chair, HL7 Technical Steering Committee; Gevity Consulting

F4 – Overview of GS1 System of Standards and Its Interactions with HL7 – FREE TUTORIAL
Wednesday, May 13/ 9:00 am – 10:30 am

This tutorial will provide insight on what GS1 offers in the open supply chain to secure item traceability, and how traceability should be extended in provider’s internal supply chain. It will be based on a document which provides extensive information about traceability, by including “order to cash”, master database (shared catalogues), stock management, including for consignment products, etc.

Documentation
The reference documentation should be downloaded prior the tutorial from:

This Tutorial Will Benefit:
• HL7 experts who are interested in learning about GS1 and its use in the healthcare industry
• HL7 experts from most of the work groups where physical identification* plays a role – such as Patient Administration, Patient Care, HC Devices, Pharmacy and many others

*Physical identification in the sense of actor identification, e.g. medicinal product, devices (UDI), vaccines, subject of care, individual provider, location, etc.

Faculty:
Christian Hay: GS1 Switzerland; Delegate Healthcare

F2 – Organization and Process Orientation/Introduction – FREE TUTORIAL
Sunday, May 10 / 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

F5 – Newly Elected Co-Chair Training – FREE TUTORIAL
Thursday, May 14 / 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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<thead>
<tr>
<th>Topic</th>
<th>Class ID</th>
<th>Instructor</th>
<th>SUN</th>
<th>MON AM</th>
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<td><strong>Track 1—Version 2.x</strong></td>
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<tr>
<td>Version 2.7 Control Specialist Certification Test Preparation</td>
<td>TH9</td>
<td>Henderson</td>
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<tr>
<td>HL7 Version 2.7 Control Specialist Certification Test</td>
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<td><strong>Track 2—Version 3 and CDA® CORE</strong></td>
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</table>
| Version 3 Principles Used in CDA | T3 | Heitmann | | | | | | | | | ★
| Introduction to Clinical Document Architecture | W5 | Marquard | | | | | | | | | ★
| Clinical Document Architecture — Advanced | W7 | Beebe | | | | | | | | | ★
| CDA Specialist Certification Test Preparation | TH10 | Beebe | | | | | | | | | ★
| XDS and CDA | TH12 | Spronk | | | | | | | | | ★
| HL7 CDA Specialist Certification Test | TH16 | Staff | | | | | | | | 5:30-7:30 |
| HL7 Version 3 RIM Certification Test | TH17 | Staff | | | | | | | | 5:30-7:30 |
| **Track 3—Special Topics** | | | | | | | | | | | |
| Standards for Interoperability | M1 | Kaminker | | | | | | | | | ★
| Consolidated CDA | TH11 | Marquard | | | | | | | | | ★
| Fundamentals in Vocabulary | TH13 | Klein | | | | | | | | | ★
| IHE and HL7 | TH14 | Boone | | | | | | | | | ★
| **Track 4—HL7 FHIR®** | | | | | | | | | | | |
| FHIR Connectathon | Sat-Sun | FHIR MGT Team | Sat-Sun | | | | | | | | |
| Introduction to HL7 FHIR | M2 | Hay | | | | | | | | | ★
| FHIR for Architects | T4 | Duteau | | | | | | | | | ★
| FHIR Profiling | W6 | Rutten | | | | | | | | | ★
| Introduction to FHIR for Developers | W8 | Smithies | | | | | | | | | ★
| **Track 6—Information Forums—FREE TUTORIALS** | | | | | | | | | | | |
| First-Time Attendees’ Orientation | F1/F3 | Peters / Marquard | 4:00-5:00 | | | 7:00-8:00 | | | | | |
| Organization and Process Orientation/Introduction | F2 | Quinn | | | 5:00-6:00 | | | | | | |
| Overview of GS1 System of Standards and Its Interactions with HL7 | F4 | Hay | | | | | | | 9:00-10:30 | | |
| Newly Elected Co-Chair Training | F5 | Van Hentenryck | | | | | | | 7:00-8:00 | |
## Meetings at a Glance

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<th></th>
<th>Sunday</th>
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<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td><strong>Affiliate Due Diligence Committee</strong></td>
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<td>Q2</td>
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<tr>
<td><strong>Affiliate Sponsored Welcome Reception with Poster Boards</strong></td>
<td>6:00-7:00</td>
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<td><strong>Anatomic Pathology</strong></td>
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<td>Will not meet in May</td>
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<td><strong>Anesthesia</strong></td>
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<td><strong>Application Implementation and Design</strong></td>
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<td>Q4</td>
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<td><strong>Architectural Review Board</strong></td>
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<td>Q3</td>
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<tr>
<td><strong>Arden Syntax</strong></td>
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<tr>
<td><strong>Attachments</strong></td>
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<td>Will not meet in May</td>
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<td><strong>Biomedical Research Integrated Domain Group</strong></td>
<td>Q4</td>
<td>Q1</td>
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<tr>
<td><strong>Birds of a Feather: FHIR Resources Articulate with the HL7 CTS2 Functional Model</strong></td>
<td>5:15-6:15</td>
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<tr>
<td><strong>Board of Directors’ Meeting</strong></td>
<td>Lunch &amp;</td>
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<td><strong>Child Health</strong></td>
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<td><strong>Clinical Decision Support</strong></td>
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<td><strong>Clinical Genomics</strong></td>
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<td><strong>Clinical Interoperability Council</strong></td>
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<td><strong>Clinical Quality Information</strong></td>
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<td>Q1</td>
<td>Q3</td>
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<tr>
<td><strong>Co-Chair Information</strong></td>
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<td>5:15-7:00</td>
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<td><strong>Community Based Collaborative Care</strong></td>
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<td><strong>Conformance &amp; Guidance for Implementation/Testing</strong></td>
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<td><strong>Ebola Case Study</strong></td>
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<td><strong>Education</strong></td>
<td>Lunch &amp;</td>
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<td><strong>Electronic Health Records</strong></td>
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<td><strong>Electronic Services and Tools</strong></td>
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<td><strong>Emergency Care</strong></td>
<td>Q3</td>
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<td><strong>Facilitators’ Roundtable Dinner/Meeting</strong></td>
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<td>5:30-8:00</td>
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<tr>
<td><strong>Fast Healthcare Interoperability Resources</strong></td>
<td>Lunch</td>
<td>7:00-8:00</td>
<td>Q3</td>
<td>Q4</td>
<td>Q4 &amp;</td>
<td>5:30-8:00</td>
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<tr>
<td><strong>FHIR Clinician Connectathon</strong></td>
<td>Q4</td>
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<tr>
<td><strong>FHIR Connectathon (Note: There is also a meeting scheduled for Saturday, 5/9, 9:00-5:00 pm)</strong></td>
<td>*</td>
<td>Lunch</td>
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<tr>
<td><strong>Financial Management</strong></td>
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<tr>
<td><strong>First-Time Attendees’ Orientation</strong></td>
<td>4:00-5:00</td>
<td>7:00-8:00</td>
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<tr>
<td><strong>Fresh Look Task Force</strong></td>
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<tr>
<td><strong>General Session</strong></td>
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<td>8:00-8:45</td>
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</table>

**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.**
<table>
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<th>Meetings Only—No Joint Sessions Listed</th>
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<td>Governance and Operations Committee</td>
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<td>Health Care Devices</td>
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<td>Healthcare Standards Integration</td>
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<td>Imaging Integration</td>
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<td>Implementable Technology Specification</td>
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<td>Infrastructure &amp; Messaging</td>
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<td>International Council</td>
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<td>Learning Health Systems</td>
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<td>Mobile Health</td>
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<td>Modeling &amp; Methodology</td>
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<td>Networking Reception – Social/Cruise</td>
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<td>Nominations Committee</td>
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<td>Nurses Breakfast/Meeting</td>
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<td>Orders &amp; Observations</td>
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<td>Organization &amp; Process Orientation/Introduction</td>
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<td>Patient Administration</td>
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<td>Patient Care</td>
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<td>Pharmacy</td>
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<td>Physicians Breakfast/Meeting</td>
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<td>Policy Advisory Committee</td>
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<td>Policy Summit</td>
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<td>Process Improvement Committee</td>
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<td>Product Line Architecture Program</td>
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<td>Public Health &amp; Emergency Response</td>
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<td>Steering Divisions:</td>
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<td>Domain Experts</td>
</tr>
<tr>
<td>Foundation &amp; Technology</td>
</tr>
<tr>
<td>Structure &amp; Semantic Design</td>
</tr>
<tr>
<td>Technical &amp; Support Services</td>
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<tr>
<td>Structured Documents</td>
</tr>
<tr>
<td>TSC Meetings (Note: There is also a meeting scheduled for Saturday, 5/9, 9:00-5:00 pm)</td>
</tr>
<tr>
<td>Templates</td>
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<tr>
<td>Terminology Authority</td>
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<tr>
<td>Vocabulary</td>
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</tbody>
</table>

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 Breakfast
Friday 8:00 – 9:00 am 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

POLICY SUMMIT AND GENERAL SESSION ROOM
Please plan to attend the Policy Summit and General Sessions Monday through Thursday for daily highlights, meeting announcements and changes.

Monday 8:00 – 5:00 pm Welcome and Policy Summit
Tuesday 8:00 – 12:30 pm General Session – HL7 CEO and International Council Reports, and Announcements; Policy Summit
Wednesday 8:00 – 8:45 am HL7 CTO, TSC, Board Reports, Recognition and Announcements
Thursday 8:00 – 8:45 am Announcements
Friday NO GENERAL SESSION

NOTE: In compliance with our status as an ANSI-accredited standards development organization, anyone may register to attend HL7 meetings. Meeting times and locations are subject to change.

Meetings

AFFILIATE DUE DILIGENCE COMMITTEE
Tuesday 11:00 – 12:30 pm MEETING

AFFILIATE SPONSORED RECEPTION WITH POSTER BOARDS
Sunday 6:00 – 7:00 pm RECEPTION

ANATOMIC PATHOLOGY (AP)
Will not meet in May

ANESTHESIA (GAS)
Monday 1:45 – 5:00 pm MEETING
Tuesday 9:00 – 5:00 pm MEETING

APPLICATION IMPLEMENTATION AND DESIGN (AID)
Sunday 1:45 – 5:00 pm Hosting: FHIR
Monday 1:45 – 3:00 pm MEETING
Wednesday 3:30 – 5:00 pm MEETING
7:00 – 9:00 pm Joint w/EST

ARCHITECTURAL REVIEW BOARD (ARB)
Sunday 9:00 – 10:30 am Joint w/EHR, BRIDG, CIC, CQI, EC, PC, Pharm, PHER
11:00 – 12:30 pm Joint w/EHR, BRIDG, CH, CIC, CQI, EC, PC, Pharm, PHER
1:45 – 3:00 pm MEETING
3:30 – 5:00 pm MEETING

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

ATTACHMENTS
Will not meet in May

BIOMEDICAL RESEARCH INTEGRATED DOMAIN GROUP (BRIDG)
Tuesday 3:30 – 5:00 pm MEETING
Wednesday 9:00 – 10:30 am MEETING
11:00 – 12:30 pm Joint w/EHR, CH, CIC, CQI, EC, PC, Pharm, PHER
1:45 – 5:00 pm MEETING
Thursday 9:00 – 5:00 pm MEETING
Friday 9:00 – 12:30 pm MEETING

BIRDS OF A FEATHER: FHIR RESOURCES ARTICULATE WITH THE HL7 CTS2 FUNCTIONAL MODEL
Wednesday 5:15 – 6:15 pm SESSION

BOARD OF DIRECTORS’ MEETING
Tuesday 12:30 – 1:30 pm LUNCHEON
1:45 – 5:00 pm MEETING

CHILD HEALTH (CH)
Tuesday 9:00 – 5:00 pm MEETING
Wednesday 9:00 – 10:30 am Joint w/PC
11:00 – 12:30 pm Joint w/EHR, BRIDG, CIC, CQI, EC, PC, Pharm, PHER

CLINICAL DECISION SUPPORT (CDS)
Wednesday 9:00 – 10:30 am Joint w/CQI, SD
11:00 – 12:30 pm MEETING
1:45 – 3:00 pm MEETING
3:30 – 5:00 pm Hosting: CQI
Thursday 9:00 – 10:30 am Hosting: CQI
11:00 – 3:00 pm Hosting: FHIR
3:30 – 5:00 pm MEETING

CLINICAL GENOMICS (Clin Gen)
Tuesday 1:45 – 5:00 pm MEETING
Wednesday 11:00 – 12:30 pm Joint w/080, II
1:45 – 3:00 pm MEETING
3:30 – 5:00 pm Hosting: FHIR

CLINICAL INTEROPERABILITY COUNCIL (CIC)
Monday 1:45 – 5:00 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, BRIDG, CH, CQI, EC, PC, Pharm, PHER
1:45 – 5:00 pm MEETING
Thursday 9:00 – 5:00 pm MEETING

CLINICAL QUALITY INFORMATION (CQI)
Monday 3:30 – 5:00 pm MEETING
Tuesday 1:45 – 5:00 pm MEETING
Wednesday 9:00 – 10:30 am Hosting: SD, CDS
11:00 – 12:30 pm Joint w/EHR, BRIDG, CH, CIC, EC, PC, Pharm, PHER
1:45 – 3:00 pm MEETING
3:30 – 5:00 pm Joint w/CDS
Thursday 9:00 – 10:30 am Joint w/CDS
11:00 – 12:30 pm MEETING

CLINICAL STATEMENT (CS)
Thursday 1:45 – 3:00 pm Joint w/080
### CO-CHAIR INFORMATION

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Sunday</td>
<td>3:30 – 5:00 pm</td>
<td>FHIR Facilitators &amp; Co-Chairs Coordination and Update Session</td>
</tr>
<tr>
<td>Tuesday</td>
<td>5:15 – 7:00 pm</td>
<td>Co-Chairs Dinner/Meeting (Open Meeting, however open for dinner ONLY to Co-Chairs. <strong>Co-Chairs MUST register</strong> if you wish to attend the dinner/meeting)</td>
</tr>
<tr>
<td>Thursday</td>
<td>7:00 – 7:45 am</td>
<td>Newly Elected Co-Chair Training</td>
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</tbody>
</table>

### COMMUNITY BASED COLLABORATIVE CARE (CBCC)

Will not meet in May

### CONFORMANCE & GUIDANCE FOR IMPLEMENTATION/TESTING (CGIT)

<table>
<thead>
<tr>
<th>Day</th>
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<tbody>
<tr>
<td>Monday</td>
<td>1:45 – 5:00 pm</td>
<td>MEETING</td>
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<tr>
<td>Tuesday</td>
<td>1:45 – 3:00 pm</td>
<td>Joint w/InM</td>
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<tr>
<td>Wednesday</td>
<td>1:45 – 5:00 pm</td>
<td>Hosting: FHIR, Templates</td>
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<tr>
<td>Thursday</td>
<td>9:00 – 10:30 am</td>
<td>Joint w/Voc, InM</td>
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<td>11:00 – 12:30 pm</td>
<td>Joint w/Voc</td>
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</table>

### EBOLA CASE STUDY

Sunday | 7:00 – 8:30 pm | MEETING |

### EDUCATION

<table>
<thead>
<tr>
<th>Day</th>
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<th>Event</th>
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<tbody>
<tr>
<td>Monday</td>
<td>12:30 – 1:30 pm</td>
<td>Education Facilitators’ Roundtable Luncheon/Meeting</td>
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<td></td>
<td>1:45 – 5:00 pm</td>
<td>MEETING</td>
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<tr>
<td>Thursday</td>
<td>9:00 – 10:30 am</td>
<td>MEETING</td>
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### ELECTRONIC HEALTH RECORDS (EHR)

<table>
<thead>
<tr>
<th>Day</th>
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<tbody>
<tr>
<td>Monday</td>
<td>1:45 – 5:00 pm</td>
<td>MEETING</td>
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<tr>
<td>Tuesday</td>
<td>1:45 – 5:00 pm</td>
<td>MEETING</td>
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<tr>
<td>Wednesday</td>
<td>9:00 – 12:30 pm</td>
<td>Hosting: FHIR, Sec</td>
</tr>
<tr>
<td></td>
<td>11:00 – 12:30 pm</td>
<td>Hosting: BRIDG, CH, CIC, COI, EC, PC, Pharm, PHER</td>
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<tr>
<td></td>
<td>1:45 – 3:00 pm</td>
<td>Hosting: IMC, MH</td>
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<td>3:30 – 5:00 pm</td>
<td>MEETING</td>
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<tr>
<td>Thursday</td>
<td>9:00 – 12:30 pm</td>
<td>MEETING</td>
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### ELECTRONIC SERVICES AND TOOLS (EST)

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Tuesday</td>
<td>1:45 – 3:00 pm</td>
<td>Joint w/SD, ITS, MnM, V2 Publishing</td>
</tr>
<tr>
<td>Wednesday</td>
<td>7:00 – 9:00 pm</td>
<td>Hosting: AID</td>
</tr>
<tr>
<td>Thursday</td>
<td>9:00 – 12:30 pm</td>
<td>MEETING</td>
</tr>
<tr>
<td></td>
<td>9:00 – 10:30 am</td>
<td>Joint Templates, SD</td>
</tr>
</tbody>
</table>

### EMERGENCY CARE (EC)

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Monday</td>
<td>1:45 – 3:00 pm</td>
<td>MEETING</td>
</tr>
<tr>
<td>Tuesday</td>
<td>9:00 – 10:30 am</td>
<td>Joint w/PC, FHIR</td>
</tr>
<tr>
<td></td>
<td>3:30 – 5:00 pm</td>
<td>Joint w/PC, FHIR</td>
</tr>
<tr>
<td>Wednesday</td>
<td>11:00 – 12:30 pm</td>
<td>Joint w/EHR, BRIDG, CH, CIC, COI, PC, Pharm, PHER</td>
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<tr>
<td></td>
<td>1:45 – 3:00 pm</td>
<td>Joint w/PC, FHIR</td>
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<tr>
<td></td>
<td>1:45 – 5:00 pm</td>
<td>MEETING</td>
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<tr>
<td></td>
<td>11:00 – 12:30 pm</td>
<td>Joint w/PHER</td>
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### FACILITATORS’ ROUNDTABLE DINNER/MEETING

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>Thursday</td>
<td>5:30 – 8:00 pm</td>
<td>Hosting: MnM, Voc, FHIR</td>
</tr>
</tbody>
</table>

### FAST HEALTHCARE INTEROPERABILITY RESOURCES (FHIR)

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>12:30 – 1:30 pm</td>
<td>FHIR Management Group, FHIR Governance Board Luncheon/Meeting</td>
</tr>
<tr>
<td></td>
<td>1:45 – 5:00 pm</td>
<td>Joint w/AID</td>
</tr>
<tr>
<td></td>
<td>3:30 – 5:00 pm</td>
<td>FHIR Facilitators &amp; Co-Chairs Coordination and Update Session</td>
</tr>
<tr>
<td>Monday</td>
<td>7:00 – 8:00 am</td>
<td>FHIR Governance Board</td>
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<tr>
<td></td>
<td>12:30 – 1:30 pm</td>
<td>FHIR Management Group Luncheon/Meeting</td>
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<td></td>
<td>1:45 – 3:00 pm</td>
<td>Joint w/O&amp;O</td>
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<tr>
<td></td>
<td>1:45 – 3:00 pm</td>
<td>Joint w/MnM</td>
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<tr>
<td></td>
<td>3:30 – 5:00 pm</td>
<td>Joint w/PHER</td>
</tr>
<tr>
<td>Tuesday</td>
<td>9:00 – 10:30 am</td>
<td>Joint w/PC, EC</td>
</tr>
<tr>
<td></td>
<td>9:00 – 10:30 am</td>
<td>Joint w/PA</td>
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<tr>
<td></td>
<td>11:00 – 12:30 pm</td>
<td>Joint w/Pharm</td>
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<tr>
<td></td>
<td>1:45 – 3:00 pm</td>
<td>MEETING</td>
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<tr>
<td></td>
<td>3:30 – 5:00 pm</td>
<td>Joint w/InM, ITS</td>
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<tr>
<td></td>
<td>3:30 – 5:00 pm</td>
<td>Joint w/PC, EC</td>
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<td>3:30 – 5:00 pm</td>
<td>Joint w/SD</td>
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<tr>
<td>Wednesday</td>
<td>9:00 – 10:30 am</td>
<td>Joint w/EHR, Sec</td>
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<td></td>
<td>9:00 – 10:30 am</td>
<td>Joint w/SOA</td>
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<td></td>
<td>9:00 – 10:30 am</td>
<td>Joint w/MnM, Voc</td>
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<td></td>
<td>11:00 – 12:30 pm</td>
<td>Joint w/ITS</td>
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<tr>
<td></td>
<td>12:30 – 1:30 pm</td>
<td>Joint w/PC</td>
</tr>
<tr>
<td></td>
<td>1:45 – 3:00 pm</td>
<td>Joint w/PC, EC</td>
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<tr>
<td></td>
<td>1:45 – 5:00 pm</td>
<td>Joint w/FM</td>
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<tr>
<td></td>
<td>1:45 – 5:00 pm</td>
<td>Joint w/CGIT, Templates</td>
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<tr>
<td></td>
<td>3:30 – 5:00 pm</td>
<td>Joint w/Clin Gen</td>
</tr>
<tr>
<td>Thursday</td>
<td>9:00 – 10:30 am</td>
<td>Joint w/MnM</td>
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<td></td>
<td>9:00 – 10:30 am</td>
<td>Joint w/Sec</td>
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<td>9:00 – 10:30 am</td>
<td>Joint w/Dev</td>
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<td>11:00 – 12:30 pm</td>
<td>Joint w/O&amp;O</td>
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<td>11:00 – 12:30 pm</td>
<td>Joint w/II</td>
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<td>11:00 – 12:30 pm</td>
<td>Joint w/CDS</td>
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<td></td>
<td>1:45 – 3:00 pm</td>
<td>Joint w/SD</td>
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<tr>
<td></td>
<td>1:45 – 5:00 pm</td>
<td>Joint w/HSI</td>
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<td></td>
<td>3:30 – 5:00 pm</td>
<td>FHIR Management Group and FHIR Governance Board Meeting</td>
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<td></td>
<td>5:30 – 8:00 pm</td>
<td>FACILITATORS’ ROUNDTABLE DINNER/MEETING – Joint w/MnM, Voc</td>
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<tr>
<td>Friday</td>
<td>11:00 – 12:30 pm</td>
<td>Joint w/MnM</td>
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</table>

### FHIR CLINICIAN CONNECTATHON

Friday | 9:00 – 5:00 pm | MEETING |

### FHIR CONNECTATHON

Saturday | 9:00 – 5:00 pm | MEETING |

### FINANCIAL MANAGEMENT (FM)

<table>
<thead>
<tr>
<th>Day</th>
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<tbody>
<tr>
<td>Monday</td>
<td>1:45 – 5:00 pm</td>
<td>MEETING</td>
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<tr>
<td>Wednesday</td>
<td>1:45 – 5:00 pm</td>
<td>Hosting: FHIR</td>
</tr>
<tr>
<td>Thursday</td>
<td>11:00 – 12:30 pm</td>
<td>Joint W/PA</td>
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### FIRST-TIME ATTENDEES’ MEETINGS

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Sunday</td>
<td>9:00 – 12:30 pm</td>
<td>MEETING</td>
</tr>
<tr>
<td>Monday</td>
<td>7:00 – 8:00 am</td>
<td>ORIENTATION MEETING</td>
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<td></td>
<td>3:30 – 5:00 pm</td>
<td>MEETING</td>
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### FRESH LOOK TASK FORCE

<table>
<thead>
<tr>
<th>Day</th>
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<th>Event</th>
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<tbody>
<tr>
<td>Monday</td>
<td>7:00 – 8:00 am</td>
<td>ORIENTATION MEETING</td>
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### GENERAL SESSION

Tuesday – Thursday | 8:00 – 8:45 am | MEETING |

### GOVERNANCE AND OPERATIONS COMMITTEE (GOC)

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Wednesday</td>
<td>11:00 – 12:30 pm</td>
<td>MEETING</td>
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</table>
HEALTH CARE DEVICES (Dev)
Monday 1:45 – 5:00 pm MEETING
Tuesday 9:00 – 5:00 pm MEETING
Wednesday 9:00 – 3:00 pm MEETING
3:30 – 5:00 pm Hosting: MH
Thursday 9:00 – 10:30 am Hosting: FHIR
11:00 – 12:30 pm MEETING

IMAGING INTEGRATION (II)
Wednesday 9:00 – 10:30 am MEETING
11:00 – 12:30 pm Joint w/O&O, Clin Gen
1:45 – 5:00 pm MEETING
Thursday 9:00 – 10:30 am Joint w/SD
11:00 – 12:30 pm Hosting: FHIR
1:45 – 5:00 pm MEETING

IMPLEMENTABLE TECHNOLOGY SPECIFICATION (ITS)
Monday 1:45 – 5:00 pm MEETING
Tuesday 9:00 – 10:30 am MEETING
11:00 – 12:30 pm Joint w/InM
1:45 – 3:00 pm Joint w/SD, EST, MnM, V2 Publishing
3:30 – 5:00 pm Joint w/InM, FHIR
Wednesday 9:00 – 10:30 am MEETING
11:00 – 12:30 pm Hosting: FHIR
Thursday 9:00 – 10:30 am Joint w/SD, EST, ITS, V2 Publishing
1:45 – 3:00 pm Joint w/Dev
3:30 – 5:00 pm Hosting: FHIR

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

INTERNATIONAL COUNCIL MEETING
Sunday 9:00 – 12:30 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)
Wednesday 1:45 – 3:00 pm Joint w/EHR, MH

LEARNING HEALTH SYSTEMS (LHS)
Tuesday 11:00 – 3:00 pm MEETING

MOBILE HEALTH (MH)
Wednesday 11:00 – 12:30 pm MEETING
1:45 – 3:00 pm Joint w/EHR, IMC
3:30 – 5:00 pm Joint w/Dev

MODELING & METHODOLOGY (MnM)
Sunday 1:45 – 3:00 pm MEETING
Monday 1:45 – 3:00 pm Hosting: FHIR
Tuesday 9:00 – 12:30 pm MEETING
1:45 – 3:00 pm Joint w/SD, EST, ITS, V2 Publishing
Wednesday 9:00 – 10:30 am Hosting: Voc, FHIR
11:00 – 12:30 pm Hosting: Voc

NETWORKING RECEPTION – SOCIAL/Cruise
Monday 6:00 – 10:30 pm Social/Cruise

NOMINATIONS COMMITTEE
Wednesday 9:00 – 10:30 am MEETING

NURSES BREAKFAST/MEETING
Tuesday 7:00 – 8:00 am MEETING

ORDERS & OBSERVATIONS (O&O)
Monday 1:45 – 3:00 pm Hosting: FHIR
3:30 – 5:00 pm MEETING
Tuesday 9:00 – 10:30 am MEETING
11:00 – 12:30 pm Hosting: PHER, RCRIM
1:45 – 5:00 pm MEETING
Wednesday 9:00 – 10:30 am MEETING
11:00 – 12:30 pm Hosting: Clin Gen, II
1:45 – 5:00 pm MEETING
Thursday 9:00 – 10:30 am MEETING
11:00 – 12:30 pm Hosting: CS
3:30 – 5:00 pm MEETING

ORGANIZATION AND PROCESS ORIENTATION/INTRODUCTION
Sunday 5:00 – 6:00 pm ORIENTATION/INTRODUCTION

PATIENT ADMINISTRATION (PA)
Monday 1:45 – 5:00 pm MEETING
Tuesday 9:00 – 10:30 am Hosting: FHIR
11:00 – 5:00 pm MEETING
Wednesday 9:00 – 5:00 pm MEETING
Thursday 9:00 – 10:30 am Hosting: PHER
11:00 – 12:30 pm Hosting: FM
1:45 – 5:00 pm MEETING
Friday 8:00 – 9:00 am MEETING

PATIENT CARE (PC)
Monday 1:45 – 5:00 pm MEETING
Tuesday 9:00 – 10:30 am Hosting: EC, FHIR
11:00 – 12:30 pm Luncheon Meeting
1:45 – 5:00 pm MEETING
3:30 – 5:00 pm MEETING
Hosting: CH
11:00 – 12:30 pm Joint w/EHR, BRIDG, CH, CIC, CQI, EC, Pharm, PHER
12:30 – 1:30 pm Hosting: FHIR
1:45 – 3:00 pm Hosting: EC, FHIR
3:30 – 5:00 pm MEETING
Thursday 9:00 – 10:30 am MEETING
11:00 – 12:30 pm Hosting: SD, Templates
1:45 – 5:00 pm MEETING
Friday 8:00 – 9:00 am MEETING

PATIENTS’ ROUNDTABLE DINNER/MEETING – Joint with Voc, FHIR
Thursday 9:00 – 10:30 am Hosting: FHIR
5:30 – 8:00 pm
### PHARMACY (Pharm)
- **Monday**: 1:45 – 5:00 pm MEETING
- **Tuesday**: 9:00 – 10:30 am MEETING, 11:00 – 12:30 pm Hosting: FHIR, 1:45 – 3:00 pm MEETING, 3:30 – 5:00 pm Joint w/PHER
- **Wednesday – Thursday**: 9:00 – 5:00 pm MEETING

### PHYSICIANS BREAKFAST/MEETING
- **Wednesday**: 7:00 – 8:00 am MEETING

### POLICY ADVISORY COMMITTEE
- **Wednesday**: 9:00 – 10:30 am MEETING

### POLICY SUMMIT
- **Monday**: 8:00 – 5:00 pm MEETING
- **Tuesday**: 8:00 – 8:00 am MEETING

### PROCESS IMPROVEMENT COMMITTEE (PIC)
- **Monday**: 3:30 – 5:00 pm MEETING

### PRODUCT LINE ARCHITECTURE PROGRAM
- **Wednesday**: 3:30 – 5:00 pm MEETING

### PROJECT SERVICES
- **Thursday**: 1:45 – 3:00 pm MEETING

### PUBLIC HEALTH & EMERGENCY RESPONSE (PHER)
- **Monday**: 3:30 – 5:00 pm Hosting: FHIR
- **Tuesday**: 9:00 – 10:30 am MEETING, 11:00 – 12:30 pm Joint w/O&O, RCRIM, 1:45 – 3:00 pm MEETING, 3:30 – 5:00 pm Hosting: Pharm
- **Wednesday**: 9:00 – 10:30 am MEETING, 11:00 – 12:30 pm Joint w/EHR, BRIDGE, CH, CIC, CQI, EC, Pharm, 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

### PUBLISHING
- **Tuesday**: 1:45 – 3:00 pm Joint w/SD, EST, ITS, MnM
- **Wednesday**: 9:00 – 10:30 am V2 – MEETING, 1:45 – 3:00 pm V2 – Joint w/Voc, 1:45 – 3:00 pm V3 – MEETING

### REGULATED CLINICAL RESEARCH INFORMATION MANAGEMENT (RCRIM)
- **Monday**: 1:45 – 5:00 pm MEETING
- **Tuesday**: 11:00 – 12:30 pm Joint w/O&O, PHER

### SECURITY (SEC)
- **Tuesday**: 9:00 – 5:00 pm MEETING
- **Wednesday**: 9:00 – 10:30 am Joint w/EHR, FHIR, 11:00 – 5:00 pm MEETING
- **Thursday**: 9:00 – 10:30 am Hosting: FHIR, 11:00 – 12:30 pm MEETING

### SERVICES ORIENTED ARCHITECTURE (SOA)
- **Monday – Tuesday**: 1:45 – 5:00 pm MEETING
- **Wednesday**: 9:00 – 10:30 am Hosting: FHIR, 11:00 – 5:00 pm MEETING
- **Thursday**: 9:00 – 10:30 am Hosting: ITS, 11:00 – 12:30 pm MEETING

### STEERING DIVISIONS
- **Monday**: 7:00 – 8:30 pm Domain Experts, Foundation & Technology, Structure & Semantic Design, Technical & Support Services

### STRUCTURED DOCUMENTS (SD)
- **Monday**: 1:45 – 5:00 pm MEETING
- **Tuesday**: 9:00 – 12:30 pm MEETING, 1:45 – 3:00 pm Hosting: EST, ITS, MnM, V2 Publishing, 3:30 – 5:00 pm Hosting: FHIR
- **Wednesday**: 9:00 – 10:30 am Joint w/CQI, CDS, 11:00 – 3:00 pm MEETING
- **Thursday**: 9:00 – 10:30 am Hosting: II, 11:00 – 12:30 pm Joint w/PC, Templates, 1:45 – 3:00 pm Hosting: FHIR, 3:30 – 5:00 pm MEETING
- **Friday**: 9:00 – 10:30 am Joint w/Templates, EST

### TSEQ MEETINGS
- **Saturday**: 9:00 – 5:00 pm MEETING
- **Sunday**: 5:30 – 6:30 pm MEETING
- **Wednesday**: 12:30 – 130 pm Luncheon/Meeting
- **Thursday**: 12:30 – 130 pm US Realm Task Force Luncheon/Meeting

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

### TERMINOLOGY AUTHORITY (TA)
- **Thursday**: 1:45 – 5:00 pm MEETING

### VOCABULARY (VOC)
- **Monday**: 7:00 – 8:00 am MEETING
- **Tuesday**: 1:45 – 5:00 pm MEETING
- **Wednesday**: 1:45 – 5:00 pm MEETING
- **Thursday**: 9:00 – 10:30 am Hosting: CGIT, InM, 11:00 – 12:30 pm Hosting: CGIT, InM, 1:45 – 5:00 pm MEETING
- **Friday**: 9:00 – 10:30 am Hosting: CGIT, InM, 11:00 – 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 April 13, 2015 to receive the discounted rates. Otherwise the full fee structure will apply. Consult the registration form (pages 24-26) for a schedule of meeting fees.

**To Register**

Please complete the registration form on pages 24-26 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 April 20, 2015. 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 Fees and Cancellation**

Tutorials at HL7 working group meetings are an additional fee to the daily meeting registration fees. Please note that tutorials listed as free still require payment of the daily meeting fee. To register for tutorials, please select each tutorial you would like to take on page 26 of the registration form.

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.

**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.

**HL7 International Networking Reception**

Don’t miss this special night out in Paris on Monday evening! Bateaux-Mouches offers a fabulous sightseeing dinner cruise on the Seine. Catch the most stunning views of Parisian monuments and bridges, and get a close up view of the Eiffel Tower. This cruise includes a five-course meal, wine and live on-board entertainment.

Fee: $50 USD per person.

---

**Please Book Your Room at the HL7 Meeting Hotel**

HL7 urges all meeting attendees to secure their hotel reservation at the HL7 Working Group Meeting Host Hotel. This hotel has been contracted to provide the best rate and service to our HL7 meeting attendees, including the vast number of meeting rooms that HL7 uses. In order to secure the required meeting space, HL7 has a contractual obligation to fill our sleeping room blocks. If you make reservations at a different hotel, HL7 risks falling short on its obligation, which translates in HL7 paying additional costs (penalties) to the hotel. Should this occur, HL7 will likely be forced to pass these costs onto our attendees through increased meeting registration fees. Therefore, to help avoid such fee increases, we urge you to book your hotel room at our host hotel. Thank you!
HL7 International’s May 2015 Working Group Meeting will be held at:

**Hyatt Regency Paris - Charles de Gaulle**
351 Av. du Bois de la Pie, CS 42048 Paris Nord 2
Roissy CDG Cedex, France 95912
Tel: +33 1 48 17 12 34
Tel: +33 1 48 17 18 19 (Room Reservations)
Fax: +33 1 48 17 17 17

To reserve your room, the hotel has set up a special website registration process just for HL7 International attendees. Attendees should log on to [http://paris.charlesdegaulle.hyatt.fr/hyatt/hotels-paris-charlesdegaulle/index.jsp?null](http://paris.charlesdegaulle.hyatt.fr/hyatt/hotels-paris-charlesdegaulle/index.jsp?null) and click Special Rates (AAA, Govt. . . ) under CHECK AVAILABILITY, then click none and enter G-HL70 under Corporate or Group Code. Discounted room rates are 154€ per night single occupancy; 169€ per night double occupancy and are subject to applicable tax in effect at time of check in. Single or double rates will show depending on how many people you request in the room. Rates are inclusive of breakfast buffet in the meeting area and in-room internet. Breakfast ordered via room service will be charged individually.

If you need to cancel your room reservation, please do so 30 days in advance of your check-in.

You can also call reservations directly at: +33 1 48 17 18 19. Be sure to mention Health Level Seven International and G-HL70 as the group reference code to receive the discounted rates.

You can also send an email to the following address: [paris.charlesdegaulle@hyatt.com](mailto:paris.charlesdegaulle@hyatt.com) and indicate the group code reference G-HL70 as the group reference number in the email and one of the hotel reservation agents will process the booking and send a confirmation number.

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 April 27, 2015.**

### Ground Transportation

#### From or To Roissy Charles de Gaulle Airport

**Free Hyatt shuttle**

Discover the new “Silver Line”, 70 places free shuttles established to facilitate access to the hotel and stopping at Terminal 2 / TGV-SNCF station and at Terminal 3 / Roissypole/ CDG Val T1. To find them, follow the signs Navettes hôtels/ Hotel Courtesy Bus

**Shuttle Timetable:**

- From 5am to 11am and from 5pm to 11pm every 20 minutes
- From 11am to 5pm and from 1pm to 1:20am every 40 minutes

*Subject to change

Check the next shuttle departure from the hotel: [http://ubiplex.keolis.com/index.php/?ecran_id=4A38FA31](http://ubiplex.keolis.com/index.php/?ecran_id=4A38FA31)

**Electrical Car “Green Driver”**

The hotel recently introduced a new eco-friendly initiative, Green Driver. The hotel’s electronic car is exclusively available at Hyatt Regency Paris - Charles de Gaulle. From the hotel, to the airport, Paris Nord 2 and Roissy en France. This service is available to hotel guests upon request at reception, or by contacting a dedicated line +33 1 48 17 12 34 (from 10€ for 2 passengers).

The schedule is as follows:

- **Weekdays:** 7am—1:30pm and 2pm—11:10pm
- **Saturday & Sunday:** 7am—2pm and 2:30pm—9pm

**LIMOUSINES**

Hyatt Regency Paris-Charles de Gaulle provides a chauffeur-driven limousine service, whether travelling to and from the airport.

- **From Paris**
  - **BY TRAIN/RER B**
    - Take the RER B, direction Aéroport Roissy Charles de Gaulle
    - Get off at Parc des Expositions
    - Take bus number 349 or 350 (get off at Bois de la Pie n°351), or take bus number 641 (get off at Rue de la Belle Etoile n°346)
  - **BY CAR**
    - Take the RER B, direction Aéroport Roissy Charles de Gaulle
    - Get off at Aéroport Charles de Gaulle Terminal 1
    - Take the free Hyatt shuttle at Terminal 3 Roissypole, which drops you off at the hotel

For more information on schedules and fares: RER B or online at [http://www.ratp.fr](http://www.ratp.fr)

For more information about schedules: Bus 349, Bus 350 and Bus 641 or visit [http://www.idf.veolia-transport.fr](http://www.idf.veolia-transport.fr)

- **From Roissy Charles de Gaulle Airport**
  - **TO PARIS**
    - **BY TRAIN/RER B**
      - Take the RER B, direction Lille/Aéroport Charles de Gaulle/Saint-Denis
      - Take the exit Senlis/Louvres/Goussainville/ Roissy-en-France/ Paris Nord
      - Follow the road signs to Z.I. Paris Nord II. At the first roundabout, take the first exit and enter in Hyatt Regency Paris Charles de Gaulle parking
    - **BY CAR**
      - Follow the A1 or A3, direction Lille/Aéroport Charles de Gaulle/Saint-Denis
      - Take the exit Senlis/Louvres/Goussainville/Roissy-en-France/Paris Nord
      - Follow the road signs to Z.I Paris Nord II. At the first roundabout, take the first exit and enter in Hyatt Regency Paris Charles de Gaulle parking
      - GPS coordinates: 48.9907347, 2.5157667

Guests will be able to use the hotel’s airport transfer facility and other transportation services offered by the hotel in Paris Nord to explore the Paris downtown and its many hidden treasures. The hotel at Charles de Gaulle airport is also ideally situated close to Villepinte exhibition centre and near Disneyland Paris.
1. Contact Information

End of day on April 13, 2015 is the deadline for Early Bird fees. Hotel reservations must be received by April 27, 2015. All advance registrations must be received by end of day on April 20, 2015. 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 — Vocabulary  □ HL7 Fellow  □ Policy Summit Speaker
□ Benefactor  □ Facilitator — Steering Division  □ HL7 Work Group Co-Chair  □ Tutorial Speaker
□ Facilitator — MnM  □ First-Time WGM Attendee  □ Past Board Chair  □ Payer
□ Facilitator — Publishing  □ HL7 Board Member

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, AHIP, AIRA, ASC-X12, ASTM, BioPharma Association Associate—SAFE, CEN/TC 251, CDISC, CHF, Gentis Technologies, Inc., CLSI, CHA, DICOM, eHi, G3I, ICH, IEEE, IHE, IHTSDO, IRISS, LOINC, 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).
I plan to attend the Networking Reception Cruise on the Seine (Monday evening). $50 USD per person. Please register below.
I plan to attend the FHIR Clinician Connectathon (Friday). Please register below.

The FHIR Clinician Connectathon is open to clinicians from all disciplines – nurses, physicians, pharmacists, nutritionists and other patient care professionals – who are registered for the HL7 May Working Group Meeting. Registration before the Friday event is required.

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.

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<thead>
<tr>
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<tr>
<td>Sunday – Friday Option:</td>
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<td>$1,195</td>
<td>$1,305</td>
<td>$1,720</td>
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</table>

Please register me for the entire week. Please note that the Sunday-Friday Option does not include the cost of tutorials. Please register separately for any tutorials you would like to attend on page 26.

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<td>$1,045</td>
<td>$1,155</td>
<td>$1,570</td>
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</table>

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 on page 26.

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<td>Monday – Tuesday Option (includes Policy Summit):</td>
<td>$550</td>
<td>$550</td>
<td>$550</td>
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Please register me for Monday-Tuesday. Please note that the Monday-Tuesday Option does not include the cost of tutorials. Please register separately for any tutorials you would like to attend on page 26.

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<td>Per Day Fees:</td>
<td>$220/day</td>
<td>$290/day</td>
<td>$330/day</td>
<td>$435/day</td>
<td>$__________</td>
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</table>

Please note tutorials are an additional fee on top of the daily fees. Additionally, tutorials that are listed as free still require registration for the daily meeting fees. Please register separately for any tutorials you would like to attend on page 26.

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

<table>
<thead>
<tr>
<th></th>
<th>Members</th>
<th>Non-Members</th>
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</table>

Please note: No partial registrations for the FHIR Connectathon will be accepted. The registration fee covers all day Saturday and Sunday morning.

<table>
<thead>
<tr>
<th></th>
<th>Members</th>
<th>Non-Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Networking Reception Cruise on the Seine:</td>
<td>☐ $50 per person X # ______ of people attending:</td>
<td>$__________</td>
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<table>
<thead>
<tr>
<th></th>
<th>Members</th>
<th>Non-Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHIR Clinician Connectathon:</td>
<td>☐ No Fee</td>
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</table>

Deadline for Discounted Rates: Payment must be received by April 13, 2015 to qualify for the “Early Bird” rate. The full fee structure applies to all other registrations where payment is received after this date.

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

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

Tutorial Fees: Please register me for the following tutorials:

Please note that tutorials are an additional fee to the daily meeting fee. You must also register for the days you are taking tutorials. 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.

SUNDAY
- Track 5 – Information Forums: First-Time Attendees’ Orientation – FREE TUTORIAL (F1) — Must sign up to attend this tutorial (Please check the box.)
- Track 5 – Information Forums: Organization and Process Orientation/Introduction – FREE TUTORIAL (F2) — Must sign up to attend this tutorial (Please check the box.)

MONDAY
- Morning Sessions
- Track 5 – Information Forums: First Time Attendees’ Orientation – FREE TUTORIAL (F3) — Must sign up to attend this tutorial (Please check the box.)

TUESDAY
- Afternoon Sessions
- Track 2 – Version 3 and CDA*: V3 Principles Used in CDA (T3) $110 $215 $325 $490 $ ______________
- Track 4 – HL7 FHIR*: FHIR for Architects (T4) $110 $215 $325 $490 $ ______________

WEDNESDAY
- Morning Sessions
- Track 5 – Information Forums: Overview of GS1 System of Standards and Its Interactions with HL7 – FREE TUTORIAL (F4) — Must sign up to attend this tutorial (Please check the box.)

THURSDAY
- Afternoon Sessions
- Track 2 – Version 3 and CDA*: XDS and CDA (TH12) $110 $215 $325 $490 $ ______________
- Track 3 – Special Topics: Fundamentals in Vocabulary (TH13) $110 $215 $325 $490 $ ______________
- Track 3 – Special Topics: IHE and HL7 (TH14) $110 $215 $325 $490 $ ______________

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)  ☐ Visa  ☐ Master Card ☐ American Express ☐ Discover

<table>
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<th>Members</th>
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<th>After 4/13</th>
<th>Non-Members</th>
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<tr>
<td>Track 4 – HL7 FHIR*: FHIR for Architects (T4)</td>
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<td>Track 2 – Version 3 and CDA*: CDA Specialist Certification Test Preparation (TH10)</td>
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<td>Track 2 – Version 3 and CDA*: XDS and CDA (TH12)</td>
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<td>Track 3 – Special Topics: Fundamentals in Vocabulary (TH13)</td>
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<tr>
<td>Track 3 – Special Topics: IHE and HL7 (TH14)</td>
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Total Amount Due $ ______________
### Upcoming Working Group Meetings

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

**Orlando, FL**  
January 10 – 15, 2016  
Working Group Meeting  
Hyatt Regency Orlando

**Montréal (Québec), Canada**  
May 8 – 13, 2016  
Working Group Meeting  
Le Centre Sheraton Montréal

**Baltimore, MD**  
September 18 – 23, 2016  
30th Annual Plenary & Working Group Meeting  
Hyatt Regency Baltimore

### 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>
<th># being elected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomic Pathology</td>
<td>1</td>
</tr>
<tr>
<td>Anesthesia</td>
<td>1</td>
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<tr>
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Lingering over pain au chocolat in a sidewalk café, relaxing after a day of strolling along the Seine and marveling at icons like the Eiffel Tower and the Arc de Triomphe... the perfect Paris experience combines leisure and liveliness with enough time to savor both an exquisite meal and exhibits at the Louvre. Awaken your spirit at Notre Dame, bargain hunt at the Marché aux Puces de Montreuil or for goodies at the Marché Biologique Raspail, then cap it all off with a risqué show at the Moulin Rouge.

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