

HIGH LEVEL COURSE OUTLINE:

Day 1 | Defining the Basics

09:00 - 10.00 | [Introduction into Standardization and FHIR](#)

Speakers: [Diego Kaminker](#), HL7 Education Advisory Council
[Jürgen Brandstätter](#), IHE Catalyst Ambassador and IHE/FHIR expert

Learning objectives: SDO overview, profiling, high-level introduction on FHIR

10:00 - 11:00 | [Dive into the International Patient Summary \(IPS\) Standards Suite](#)

Speaker: [Jürgen Brandstätter](#), IHE Catalyst Ambassador and IHE/FHIR expert, Mario Hyland, AEGIS Inc.

Learning objectives: General overview on IPS governance, multi-SDO approach, different standards within, use-cases for IPS

11:00-11:30 | **COFFEE BREAK**

11.30-12.30 | [The importance of profiling of FHIR / FHIR-based IHE Profiles](#)

Speaker: [Jürgen Brandstätter](#), IHE Catalyst Ambassador and IHE/FHIR expert

Learning objectives: How profiling of FHIR works, IHE/HL7 Gemini project, IHE Profiles (PIXm, PDQm, RESTful ATNA, IPS, sIPS, MHD)

12.30-13.30 | [Interoperability testing approaches](#)

Speaker: [Alexander Berler](#), Strategic Business Development Director, IHE Catalyst

Learning objectives: general overview on interoperability testing, Gazelle, Plugathon, IPS testing, FHIR testing, etc

13:30-14:30 | **LUNCH BREAK**

14.30- 15.00 | [IPS use-cases world-wide](#)

Speaker: [Alexander Berler](#), Strategic Business Development Director, IHE Catalyst

Learning objectives: use cases in Europe, myHealth@EU, EUVAC, Canada, US, LACPass, etc

15:00-15:30 | [The IPS Hajj use-case](#)

Speaker: [Monief Eid](#), MoH Kingdom of Saudi Arabia

Learning objectives: Hajj use case and IPS

16:00 - 17:00 | [FHIR Modelling and Profiling](#)

Speaker: [Diego Kaminker](#), HL7 Education Advisory Council

Learning Objectives: explain how to implement specifications in FHIR, etc

17:00-17:30 | **Closing of Day 1, Q&A session 30 min.**

Day 2 | Deep Dive into FHIR Implementations

09:00 - 10.00 | [Apps in Healthcare: Introduction to SMART on FHIR](#)

Speaker: [Isaac Vetter](#), HL7 International Clinical Decision Support Co-Chair

Learning Objectives: SMART on FHIR specifications, examples

10:00 - 11:00 | [Integrating Decision Support at the Point of Care: CDS Hooks](#)

Speakers: [Isaac Vetter](#), HL7 International Clinical Decision Support Co-Chair, CDS Hooks Project Committee Chair,
[Diego Kaminker](#), HL7 Education Advisory Council

Learning Objectives: DSS tools, CDS Hooks from HL7

11:00-11:30 | **COFFEE BREAK**

11.30-12.30 | [Simple, application context synchronization with FHIRcast](#)

Speaker: [Isaac Vetter](#), HL7 International Infrastructure & Messaging Co-Chair, FHIRcast Author

Audience: Architects, system integrators, app developers

Learning Objectives: FHIR tools, FHIR Cast

12.30-13.30 | [FHIR Subscriptions:Argonaut Patient Data Feed](#)

Speaker: [Isaac Vetter](#), Argonaut Project Member

Learning Objectives: Argonaut project and examples.

13:30-14:30 | **LUNCH BREAK**

14.30- 15.30 | [Setting up a FHIR Server](#)

Speaker: [Health Samurai](#)

15:30-16:00 | **COFFEE BREAK**

16:00 - 17:00 | [Analytics on FHIR](#)

Speaker: [Health Samurai](#)

17:00-17:30 | **Closing of Day 2, Q&A session 30 min.**