

WORKSHOP: “Open Source Interoperability Standards for Medical Imaging, Devices, and Records”

This Workshop will provide a clear understanding of the basic standards and tools that are currently being deployed in healthcare for secure, reliable, and timely interoperability of patient data and records to smooth workflow, reduce redundant services, improve patient safety and engagement, and move healthcare to higher levels of quality, consistency, affordability, and accountability. Mastering these fundamentals can make it easier to introduce new innovations in biotechnology, wearable sensors, intelligent decision support systems, mobile healthcare, preventive and population health, and precision medicine so they integrate well with current systems. Open source standards that will be covered include DICOM, HL7, ICD-9/10, HITSP, IEEE 11073, IHE, LOINC, Meaningful Use & SNOMED. Open source testing tools will include IHE’s Gazelle and the NIST libraries.