

IHE-RO Technical Committee
Face-to-Face
January 14-17, 2019 8:30 – 5:30 EST
January 18, 2019 8:30-12:00 EST
Sun Nuclear Corporation
3275 Suntree Blvd.Melbourne FL
Room: MapCheck

Technical Committee Chairs:
Scott Hadley, PhD, University of Michigan
Chris Pauer, Sun Nuclear

IHERO Task Force Co-Chairs
Bruce Curran, MS, ME, FAAPM, FACMP, FACR, AAPM / VCU Health
Bridget Koontz, MD, Medical Director, RO Services, Duke Regional

Mission Statement: *The American Association of Physicists in Medicine (AAPM) sponsors a multi-society Task Force to undertake an initiative to promote the Integration of the Healthcare Enterprise (IHE) – Radiation Oncology (RO). Originally formed by the American Society for Radiation Oncology (ASTRO), it fosters seamless connectivity and integration of radiotherapy equipment and the patient health information systems. The Technical Committee of IHE-RO will undertake use cases defined by members from ASTRO, RSNA, American Association of Physicists in Medicine (AAPM), the American College of Radiology (ACR) and the Medical Imaging and Technology Alliance (MITA). In addition, members of the International community have also been invited to participate in IHE-RO. The IHE-RO Task Force, in close collaboration with radiotherapy product manufacturers, will develop appropriate integration profiles for radiation therapy and setup a demonstration of seamless communication among the full array of radiotherapy products.*

Agenda:

- Monday January 14:
 - 8:30 – 9:00 Settling and Setup
 - 9:00 – 12:30
 - Procedures / Locations
 - New Attendees
 - Review Agenda
 - Any adjustment or added items
 - Minutes from last meeting
 - Topic 1:Goals for the Week
 - HIS Advancement
 - Consensus on RXRO Profile
 - Directives on IHE main page changes
 - Technical Framework-ready profiles
 - Address the New Use Cases
 - BQAW Review
 - Topic 2: Updates
 - IHE-RO activities
 - Planning
 - Oversight, Steering Committees
 - Domain Coordination Committee
 - AAPM
 - DICOM WG-7 Update

- AdvaMed and Standards Efforts
 - 1:30 – 5:30
 - Topic 3: Profile Statuses
 - Review current state and goals for this meeting.
 - Missing Clinical Impact Statements?
 - Topic 4: RXRO Advancement
 - Review and Lock Down intent
 - Align profile with what is decided
 - Next steps
 - Topic 4.3:TDW-II
 - Topic 4.4: DPDW
- Tuesday January 15:
 - 8:30 – 10:00
 - Topic 4.5: Technical Framework for BRTO-II, MMRO-III and TPPC?
 - Topic 2.5: TDIC 2D Image Registrations
 - Topic 4.3: IPDW
 - Topic 5: Discuss and Catalog changes needed on IHE site.
 - Assignments?
 - Topic 5.5: CDEB Status
 - 10:00 – 12:30
 - Topic 6: HIS Profile
 - Revisit discussion from December
 - Revisit and lock down intentions of profile
 - Work on refining content to align with this
 - Start work on transactions?
 - 1:30 – 5:30
 - Topic 6 continued
- Wednesday January 16:
 - 8:30 – 10:00
 - Topic 7: DRRO Update / Discussion
 - 10:00 – 12:30
 - Topic 8: How handle contours extended past image boundaries
 - Topic 9: Requested review of RAD profiles
 - Do we need to promote any?
 - Are we missing some synergy with existing profiles?
 - 4D Image Import
 - 1:30 – 5:30
 - Topic 10.5: ICT Content Validator Development
 - Use cases: (single user interactive, automated testing, multi-user test event, ...)
 - Technologies to be used
 - Dockerized server
 - Interactive web interface / API
 - Security / access control to support subscription, data sharing
 - Topic 9.5: TPIC Trial Implementation
 - Topic 10: BQAW Review
 - Topic 11: Connectathon location
 - Topic 12: Anonymized Data Access for ICT
- Thursday January 17:
 - 8:30 – 12:30
 - Topic 12.5: QRRO Review

- Topic 13: New profile priorities
- Topic 14: Other profile visits / work based on current status.
 - DCOM – Discussion to advance to Final Text
- Topic 15: Treatment Delivery – Record Content Public Comment Information
 - Trial Implementation review?
- 1:30 – 5:30
 - Topic 16: RO Treatment History
 - Topic 17: 4D Image Import
 - Topic 13 continued: flesh out new profiles...
- Friday January 18:
 - 8:30 – 12:00
 - Topic 17.5: TPPC-Ion
 - Topic 18: Review Minutes
 - Topic 19: Review Action Items
 - Topic 15: Future Meetings / Next Agenda

For more information specific to the IHE-RO Technical Committee, visit www.ihe-ro.org.