

**IHE-RO Technical Committee  
Face-to-Face  
April 10, 2018 2:00 – 5:30 PDT  
April 11-12, 2018 at 8:30-5:30 PDT  
April 13 8:30-12:00 PDT  
JW Marriott Las Vegas Resort and Spa  
Room 3200  
225 N. Rampart Blvd, Las Vegas, NV**

**Technical Committee Chairs:  
Scott Hadley, PhD  
Chris Pauer**

**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:**

**Tuesday April 10:**

- 2:00 – 2:10 Settling and Setup
- 2:10 Call to Order
- 2:10 – 3:30 Observers / New Participants
  - Time For New Attendees
    - Comments?
    - Use Cases?
    - Feedback?
    - Questions?
- 3:30 – 5:00 Meeting Scope
  - Review Agenda
    - Note reserved times for DICOM WG-7, ICT Test Tools, and HIS discussion.
  - Other broad topics to add.
  - Minutes from last meetings
    - Jan – March 2018
  - Topic 1: Goals for Week
    - Technical Framework
    - Advance Profiles:
      - Prescription in RO (RXRO)
      - Quality Assurance Workflow (QAW)

- HIS
      - Treatment Delivery – Record Content (TDRC)?
      - Query / Response in RO (QRRO)?
    - Test Tools
      - Educate
      - Requirements for Connectathon
    - Connectathon prep schedule
  - Topic 2: Profile Statuses
    - Technical Framework
    - Public Comment
    - In Process
    - Priorities
- Wednesday April 11
  - 8:00 – 8:30 DICOM WG-7 Teleconference
  - 8:30 – 12:30 Morning
    - Topic 3: Level Set
      - Updates on IHE-RO activities
        - Planning
        - Oversight, Steering Committees
        - Domain Coordination Committee
      - AAPM
      - DICOM WG-7 Update
      - AdvaMed and Standards Efforts
        - RT2- Radiation Therapy Readiness check
        - RT3-Beam Model Standard
        - RT4-(potential) Standard for Machine, Patient QA
    - Topic 4: Prescription Profile (RXRO)
    - Topic 5: Review of MMRO-III needed?
  - 1:30 – 5:30
    - Topic 6: 2<sup>nd</sup> Gen Profiles
      - Radiation Sets
      - Radiations
      - Is there a “BRTO” for 2<sup>nd</sup> Gen?
    - Topic 7: QA Workflow Review
- Thursday April 12
  - 8:30-12:30
    - 8:30 – 9:30 Topic 8: ICT Tools
      - How to Use
      - Expectations for Connectathon
    - 9:30 – 10:30 Topic 9: HIS Profile Next Steps – Call with Tucker Meyers
      - Existing IHE Technical Frameworks? (see Feb. Minutes)
      - PC and Dose Elements group (see Feb. Minutes)
    - Topic 10: Connectathon
      - Which Profiles?
      - Schedule for next Connectathon
        - Milestones and Deliverables
    - Topic 11: RO History profile (ROTH)
      - Feedback from Clinical, next steps
      - Use of KOS
    - Topic 12: 4D Image Import

- Feedback from DICOM Working Groups
- 12:30 – 1:30 Break
- 1:30 – 5:30 Afternoon
  - Topic 13: TPPC
    - Updates
  - Topic 14: Brachy Profile
  - Topic 15: Ion Profile
  - Topic 16: TDW-II
  - Topic 17: Update on IPDW template decision
- Friday February 9
  - 8:30 – 12:00 Morning Session
    - Topic 18: Treatment Delivery – Record Content
    - Topic 19: Review Minutes
    - Topic 20: Review Action Items
    - Topic 21: Future Meetings / Next Agenda

For more information specific to the IHE-RO Technical Committee, visit [www.ihe-ro.org](http://www.ihe-ro.org).