

IHE-RO Technical Committee Conference Call

March 17, 2022

10:30 am – 11:50 pm ET

Technical Committee Chairs:

Scott Hadley, PhD, University of Michigan

Jon Treffert, RaySearch

Mission Statement: *The American Association of Physicists in Medicine American Society for Radiology Oncology (AAPM) supports a multi-society Task Force to undertake an initiative to promote the Integration of the Healthcare Enterprise (IHE) – Radiation Oncology (RO), fostering seamless connectivity and integration of radiotherapy equipment and the patient health information systems. The Task Force will include members from ASTRO, RSNA, 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.*

Attendance

Jon Treffert (Raysearch)
Jill Moton (AAPM)
Bruce Rakes (Mevion)
Thomas Schwere (Varian)
Walter Bosch (Wash U)
Koua Yang
Rishabh Kapoor (VCU)
Harold Beunk (Demcon)
Anthony DiDonato (Mitre)

Minutes

- I. Call to Order at 10:40 am ET – A quorum was *not* present at that time.
- II. Review Agenda
- III. Agenda Items deferred to the next TC call
 - a. Review Minutes
 - b. Review/Approval of TDOR for public comment (the current text is in the TC Box repository)
 - c. Status update and next steps – QRRO, DOSE, BQAW
 - d. Status update – Meeting with vendors: Next steps in workflow profile
 - e. In-person Face to Face attendance (AAPM)
- IV. Review of proposal for participation of non-profit and academic entities in IHE-RO testing
 - a. Discussion of conditions for including non-profit entities in IHE-RO testing. A draft proposal to provide limited access to test resources to non-profit entities (for a nominal fee) was reviewed. The proposal outlines costs and benefits of providing limited testing to non-profits:
 - i. Time/feature-limited access to test tools
 - ii. Access to test environment
 - iii. No reference to test results
 - b. It was noted that fees paid by IHE-RO domain members support the testing environment and resources. Some alternative approaches to the current fee structure were discussed:
 - i. Consider per-profile fee structure – some Profiles, e.g., XRTS, involve non-RT vendors who do not benefit from testing other IHE-RO Profiles.
 - ii. Consider per-event fees – see IHE NA or IHE Europe Connectathon model
 - iii. Consider a lower, non-profit tier for fees
 - iv. Need to cover costs (revenue neutral for AAPM)
 - c. ACTION: Jon to revise draft proposal and distribute to IHE-RO membership for comments.

d. Vendor comments to be relayed to IHE-RO Working Group.

V. Adjourned at 11:50am ET