

IHE-RO Technical Committee Conference Call

February 16, 2023

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)
Walter Bosch (Wash U)
Jill Moton (AAPM)
Harold Beunk (Demcon)
Jim Percy (Elekta)
Sanjay Bari (Elekta)
Scott Hadley (U Mich)
Bob Pekarek (Accuray)
Thomas Schwere (Varian)
Marcus Bergman (Raysearch)
Richard Vögele (Brainlab)
David Wikler (IBA)
Tucker Meyers (Epic)
Bruce Curran (VCU)
Kristjan Anderle

Minutes

- I. Call to Order at 10:35am EST. A quorum was present.
- II. Review Agenda
- III. Review Minutes
 - a. Minutes from the Jan 19, 2023 TC teleconference were reviewed. Motion by Bob Pekarek to approve, seconded by Jim Percy. Approved by the TC without objection.
- IV. Fall Connectathon Planning
 - a. **DECISION:** IHE-RO TC confirmed 2023 Connectathon to be held at Brainlab Munich, Oct 23-27, 2023.
 - b. Profiles/Products to be tested
 - i. BRTO-II: AC, RA, EL, VA, BR
 - ii. MMRO-III: VA, RA, EL, AC, BR
 - iii. TPPC: RA, VA, BR
 - iv. TDW-II: AC, IB, VA, EL, RA
 - v. Archive: RA
 - c. Informal testing
 - i. TDOR: IB, RA
 - ii. TPPC-Ion: RA, EL
 - iii. TDRC-Ion: ?
 - iv. DRRO: ??

- d. Outreach to vendors to encourage participation in testing
 - i. ACTION 230201: Jon to reach out to MIM re Connectathon testing
 - ii. ACTION 230202: Jim to reach out to Oncentra, GammaPlan, ProKnow re Connectathon testing
 - iii. Outreach to Asian vendors (IHE-Japan, IHE-Korea) was discussed briefly.

V. TPPC-Brachy Update

- a. Review for publication for Public Comment
 - i. Jim Percy reviewed v2.25 of the TPPC-Brachy Profile.
 - 1. The Profile includes changes to Attribute Descriptions for attributes in the General Equipment Module. The Profile currently defines a separate General Equipment section for Brachy with the updated wording. Since the wording is consistent with other use of the General Equipment Module, the TC could draft a CP to update the general section in the Technical Framework in the future.
 - 2. Remove proposed addition of Contributing Equipment Sequence.
 - ii. Jim Percy to save updated Profile text as version 2.26.
 - iii. Motion by Harold Beunk, seconded by Walter Bosch to approve TPPC-Brachy for Public Comment. Approved by the TC without objection.
 - iv. DECISION: TPPC-Brachy was approved for Public Comment.

VI. Face-to-Face TC Meeting – Orlando (Apr 3-7, 2023)

- a. Housing Arrangements – TC members are encouraged to make hotel reservations early. If you are only attending the IHE-RO portion of the meeting, you do not need to register for the meeting. Please contact Jill Moton for questions or issues.
 - i. Venue: Hyatt Regency Grand Cypress, Orlando, FL
 - ii. Meeting main page: <https://w4.aapm.org/meetings/2023SCM/index.php>
 - iii. Registration information and link: <https://w4.aapm.org/meetings/2023SCM/registrationInfo/index.php>
 - iv. Housing information: <https://w4.aapm.org/meetings/2023SCM/registrationInfo/housingInfo.php>
- b. Agenda
 - i. The status of Profiles in development was reviewed to prepare for discussion at the April Face-to-Face TC meeting. See Profiles indicated with (*) below.

VII. 2023 TC Goals/Priorities

- a. Planning Committee presentation – Jon Treffert is preparing a presentation of TC goals and priorities for 2023
- b. TC Priorities for 2023 (*= topic for discussion at TC F2F)
 - i. BRTO III/HDSS *
 - ii. TDW-II/TDW-III *
 - iii. DRRO (* update)
 - iv. TDOR
 - v. TPIC
 - vi. CDEB *
 - vii. TDIC
 - viii. TDRC-Ion
 - ix. TPPC-Ion
 - x. XRTS
 - xi. ROTH *
 - xii. TDRC-Brachy
 - xiii. TPPC-Brachy
 - xiv. TPDC-Ion *

VIII. Other Business

IX. Adjournment at 11:35am EST