**IHE-RO Technical Committee**
**Conference call**
**February 21, 2013 at 1:00-2:30 PM ET**
**MINUTES**

**Technical Committee Chairs:**
**Bruce Curran, MS, ME**
**Chris Pauer, Accuray**

**IHERO Task Force Co-Chairs**
**Dick Fraass, Ph.D., FAAPM, FASTRO, FACR**
**John Buatti, MD**

**Mission Statement:** *The American Society for Radiology Oncology (ASTRO) has formed 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, 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.*

**Attendees:**

Chris Pauer, Accuray
Bruce Curran, RI Hosp.
Amber Sims, ASTRO
Walter Bosch, ATC
Rishabh Kapoor, VCU
Koua Yang, Philips
John Buatti
Sanjay Bari, Elekta
Stacey Loesch, Velocity
Dawn Henrich, Radion
Harold Beunk, ICT
Ulrich Busch, Varian
Sue Reilly, Elekta

I. Call to Order – Quorum declared at 1:12pm
   a. Approval of Agenda – approved without objection
   b. Approval of minutes from Jan 14-18 face to face meeting in Miami – approved without objection

   c. Agenda Items

1. Focus on MMRO-III and Deformable Spatial Registration
   (i) Discuss requirements / architecture for Deformable Spatial Registration
      a. An integration profile for deformable registration is timely.
      b. Include deformable registration as an option in MMRO-III, or as a separate profile (Deformable Spatial Reg)?
      c. DECISION: Split out Deformable Spatial Registration as a *separate profile*, parallel to MMRO-III.
      d. ACTION: Chris to create an initial draft for the Deformable Spatial Registration Integration Profile from MMRO-III for Mar 21 TCON
   (ii) ACTION: Chris to update profile documents on the www.ihe-ro.org/wiki.
   (iii) Additional Use Cases for MMRO-III and/or Deformable Spatial Registration:
      a. Patient repositioning? No. Use of image registration is handled by the DPDW Profile as an internal process within an actor.
      b. Open issue: what are the implications of additional use cases involving 4D imaging and image guidance acquisition? Need more information to evaluate this.
      c. Open issue: Shall it be possible to encode multiple registrations, i.e. transformations (beyond the UNITY transformation) in a single REG instance? Is there sufficient semantics in differentiating between one instance with multiple transformations and multiple instances?
   (iv) ACTION: Chris to update and post MMRO-III draft for Mar 21 TCON.

II. Adjourned 14:30