

QIBA fMRI Technical Committee Agenda & Call Summary
Wednesday, March 26th, 2014 at 11 AM CT
 Call Summary

In attendance

Cathy Elsinger, PhD (Co-Chair)

Edward Jackson, PhD

Jay Pillai, MD

James Reuss, PhD

David Soltysik, PhD

James Voyvodic, PhD

Zhiyue Jerry Wang, PhD

Kirk Welker, MD

Yuxiang Zhou, PhD

RSNA

Joe Koudelik

Madeleine McCoy

General Announcements:

1. **2014 QIBA Annual Meeting**, May 21-22, 2014 at the Hyatt Regency Crystal City in Arlington, VA – we will not have a face to face breakout session of the fMRI TC.
 - a. Jerry to present our status report on behalf of co-chairs
2. **Reminder - RSNA Call for Abstracts Online Submission** site closes at 12 Noon Central (Chicago) Time on April 9, 2014. <http://abstract.rsna.org/> - All QIBA Technical Committees are encouraged to submit RSNA abstracts (i.e., posters, presentations, etc.) based on funded and non-funded project results and overall committee efforts to-date
3. **!!!Time to Plan Round 4 Projects** - so that we are better positioned to start on time in October. **First draft concepts of proposals are needed by April 7, 2014**, so that we can meet the schedule outlined below. Ted and Jim to circulate draft update on DRO, etc. to the group before the 3/26 technical committee call

QIBA Round 4 (2014-15) Project Proposal Timeline

Feb – March 2014	TCs discuss Profile gaps and projects needed to address them
COB, April 7, 2014	Concepts due to RSNA. RSNA staff collates and sends to SC by April 11, for discussion on Apr 17, 2014 SC t-con
April 17, 2014	SC discusses concepts for Go/No Go decision TCs are advised as to which concepts should be developed further
COB, May 12, 2014	Revised concepts submitted to RSNA. RSNA collates and sends to SC by May14, for discussion at May 20, 2014 f-2-f SC Meeting
May 20, 2014	SC votes on initial prioritizations. Questions, need for clarifications provided to TCs
COB, July 7, 2014	Final project proposals submitted to RSNA. RSNA staff collates and sends to SC by July 11, for discussion and final decisions on July 17, 2014 SC t-con
July 17, 2014	SC makes final project selections/funding decisions Notifications sent to Project PIs
Sept 2, 2014/as soon as Yr2 funding approved by NHLBI	Submit Subcontracts to NHLBI for COA

4. QIBA/NIBIB Round-3 Funded Project Updates --

- IRB updates
- DRO format questionnaire version 5
- DRO project descriptor file
- DRO template development – status – Dummy DRO sent to Duke
- QIDW – next steps

Discussion

2014 QIBA Annual Meeting

- Dr. Zhiyue Jerry Wang will provide the TC status report on Day 2. Dr. Elsinger to prepare a brief slide set and work with Dr. Wang re information, progress, overview and status.

RSNA Call for Abstracts Online Submission

- The committee was encouraged to submit and reminded of the April 9th abstract deadline

Face to Face fMRI Meeting at ASNR

- A Doodle Poll has been circulated for a f2f meeting of fMRI TC members attending ASNR
- Dr. Voyvodic recommended a f2f retreat where more TC members would be able to attend
 - An alternative suggestion was a ½ day video teleconference
 - Dr. Elsinger will work with RSNA Staff to identify a possible date during the following times:
 - Last week of April 2014
 - First two weeks of May
 - First week in June

DICOM WG 16 activity

- Dr. Reuss updated the group re the DICOM Work Group 16 convention and recent subcommittee actions.
- Dr. Jackson will follow-up with Dr. Reuss regarding the ISMRM and SQMR groups re feedback for the DICOM Work Group 16 proposal.

Round 4 Projects

- First draft high-level concepts of project proposals are due by April 7, 2014.
- Aim 1:
 - Basis for comparing fMRI methods
 - Characterize/redevelopment of DRO
 - Quality assurance network
- Phase 2:
 - Round-4 work to add more complicated sources of variability to the DROs to better understand bias and precision as related to the Profile claim
- Year 2:
 - Expand endpoint analysis by (1) comparing phantom results to acquire ground truth and (2) comparing clinical interpretation
 - Interpretation of DRO imaging site feedback on analyzing sources of variance
- Aim 3:
 - Addressing Neurovascular Uncoupling (NVU) issues in context of the DROs to address head motion
 - Determining how best to evaluate sources of variance and clinical endpoints
- DRO Project Discussions
- Year 2 priorities to build off of the Year 1 project framework
- Neurovascular Uncoupling Software Analysis
- Compare lists of potential sources of variance

Action Items

- The group was encouraged to respond to the [Doodle Poll](#) for an fMRI f2f at the ASNR this year
- Dr. Elsinger will read through the Profile to identify open issues needing further discussion.
- Suggestion to review the QIBA fMRI Poster from the RSNA 2013 Annual Meeting to lay out potential sources of variance.
- Discussions and prioritization of projects to continue on the fMRI Bias t-con, April 1st at 10am (CT). (Dr. Elsinger will not be available but will speak with Drs. DeYoe and Voyvodic for an update.)

Next calls:

- QIBA fMRI Bias WG call - **Tuesday, April 1st, at 10am CT**
- QIBA fMRI tech committee call - **Wednesday, April 9th, at 11am CT**