

**QIBA fMRI Technical Committee Agenda & Call Summary**  
**Wednesday, July 16, 2014 at 11 AM CT**  
DRAFT Call Summary

**In attendance**

*Ted DeYoe, PhD (Co-chair)*

Andrew Kalnin, MD

Feroze Mohamed, PhD

Nancy Obuchowski, PhD

Jay Pillai, MD

James Reuss, PhD

David Soltysik, PhD

James Voyvodic, PhD

Zhiyue Jerry Wang, PhD

Yuxiang Zhou, PhD

**RSNA**

Joe Koudelik

Madeleine McCoy

**Discussion**

**DRO Project Update (Drs. DeYoe and Voyvodic)**

- Progress on Profile
  - Dr. Elsinger to finish edits and send to Dr. DeYoe for additional modifications
- DRO file exchange
  - Communication problems discussed
    - Adoption of one method for now
    - Drs. DeYoe and Mathis to send files to Dr. Voyvodic for posting on website
- Specifying the task timing
  - Solution needed
  - AFNI\*1D Files
- Dr. DeYoe to send Dr. Voyvodic a DRO descriptor file for SIM1
- Feedback needed back regarding the current DRO
  - Are the files and formats acceptable and complete?
  - Are files converted to DICOMs readability by remote sites?
  - Is simulated activation recoverable?: location and signal amplitude of each voxel in the activation site
  - Recommendations for activation site spatial profile
    - Use an empirical data focus-to specify the mask ground truth
    - Ad hoc-linear series of voxels
    - Spatial function-eg Gaussian or other
- Dr. Voyvodic putting a dataset up for use by the remote sites
  - Test ability to analyze, generate maps and return to Dr. Voyvodic

**Next Steps**

- Dr. DeYoe to return the completed survey to Dr. Voyvodic
- Dr. Voyvodic to test SIM1 DRO from Dr. DeYoe

**Next calls:**

- QIBA fMRI Bias WG Call - **Tuesday, July 22<sup>nd</sup>** at **10am CT**
- QIBA fMRI Tech Ctte Call- **Wednesday, July 30<sup>th</sup>**, at **11am CT**