IEEE Signal Processing Society Synthetic Aperture Standards Committee (SASC)
P3382 Working Group on Performance Metrics for MRI Image Reconstruction
Meeting Minutes (draft) for Friday, April 26,
**10:00a – 11:00a ET (UTC-4)** via teleconference
***https://ieeesa.webex.com/ieeesa/j.php?MTID=m869c6ed69839088c568be6e29bcad4f3***

1. Call to Order – ***the meeting was called to order at 10:06a***

2. Introduction and Affiliation Declarations – ***in attendance were Amli Kelati, Guillermo Sahonero Alvarez, Jonathan Goldberg, Luis Tavora, Mariya Doneva Philips, Miguel Heredia Conde, Peter Vouras, Venkata Chebrolu, Xueyan Niu***
    a. Please provide name, email, affiliation
    b. Please attest to having read the IEEE policies on copyrights, behavior, and patents
    c. Establish Quorum – ***quorum was established***

3. Approval of Agenda – ***agenda was unanimously approved***

4. Approval of Previous Meeting Minutes – ***previous meeting minutes were unanimously approved***

5. IEEE Patent, Behavior, and Copyright Policies – ***IEEE policies were reviewed. A call for patents was made***
    a. Review if necessary -- IEEE policies
    b. Call for patents

6. Discussion Topics: -- ***P. Vouras gave a presentation. The group discussed using Python to analyze ADNI datasets. The first dataset is available in iMeet Central. For the next meeting everyone should 1 -- confirm they can load the ADNI dataset, and 2 – suggest at least 5 papers on MRI metrics to review from the literature. The group discussed which type of machine learning algorithm to use for analyzing brain images – deep learning, reinforcement learning, GANs, CNNs***
    a. Machine learning applied to brain images from the Alzheimer's Disease Neuroimaging Initiative (ADNI) -- https://ida.loni.usc.edu/login.jsp?project=ADNI

7. New Business ***-- none***

8. Future Meetings ***– P. Vouras will send an online poll to determine the next meeting date/time***

9. Adjourn