

IEEE TC SPEd Meeting – 7:00-8:00 Thursday January 6th, 2011, Sedona, Arizona (DSPE Workshop)

Attendees: Wayne Padgett, Bryan Usevitch, Julien Epps, Gail Rosen, Lisa Huettel, Mark Yoder, Sidney Burrus, John Treichler, Jim McClellan, Mos Kaveh, Doug Williams (via Skype), Bruno Korst, Sally Wood, Tom Robbins

- John Treichler discussed video tutorials. There is interest in SPS in developing video tutorials, but it is uncertain what role the SPEd TC will take. John is looking after this, and wants to know what we are planning.
 - o There is a need to serve SPS members in particular
 - o There is a market for less research-focused tutorials, that appeal more e.g. to industry
 - o Other groups have promoted their discipline via YouTube, to “sell signal processing” (cf similar video selling statistics)
 - o There is a minimum requirement, plus additional opportunities. Technical input from the committee is important for selecting presenters, topics, reviewing them etc.
 - o ICASSP tutorials may be incorrectly pitched, but Distinguished Lectures may be a good opportunity. There should be other low-hanging fruit, including recordings from universities, ICASSP keynotes.
 - o There may be a “freely available” subset for general education purposes, with the remainder being “premium” (for SPS members only).
 - o The Communications Society sends messages every two weeks or so, notifying the availability of tutorials (slides plus audio). Power Society also has substantial education infrastructure.
 - o SPS has allocated some funds for Summer Schools (Winter Schools etc)
 - o SPS will likely allocate funds at least to defray costs of anyone who
 - o Uncertain how will it be delivered
 - o **Action Item** (Wayne Padgett): Send around links to similar services from other societies.
 - o How will SPEd TC be involved ?
 - **Action Item:** SPEd to discuss over next ??? weeks
 - **Action Item:** Subset of TC to draft a white paper (explaining how SPEd will be involved), even roughly, as soon as possible
- Report from European Education Conference
 - o Suggestion to look at comparative study of DSP education in US and European universities
- ICASSP
 - o Education will have a poster session with 10 papers (16 submissions). Many papers are tangential to DSP education.
- Updates from the sub-committees
- Affiliate program (allows information flow about the SPEd TC activities via email)
- Signal Processing Magazine Special Issue
 - o Members to indicate if they are interested in being involved
- TC Review
 - o Wayne is in the process of preparing the submission
 - o Information about the DSPE workshop is needed
 - o Need to ensure that activities are reported
- Wayne will send out the agenda for the SPEd TC
 - o e.g. Connexions
 - o Monthly conference calls will be implemented at the sub-committee level (monthly), and quarterly calls for the TC.
- ASEE
 - o Computers in Education
 - o Opportunities to get involved as reviewers, proposing special sessions/panels/tutorials etc
 - o Lisa will communicate with Cam
- Tom mentioned that Frontiers in Education also has DSP papers
- Sidney mentioned Frontiers of Engineering Education (FOEE), run by the National Academy of Engineering

- By invitation only, high quality