

IEEE TC SPEd Meeting – 12:00-2:00pm Friday May 27, 2011, Prague, Czech Republic (ICASSP)

Attendees:

Voting Members: Adnan Al-Alaoui, Julien Epps (via teleconference), Woon-Seng Gan, Lina Karam, Lester Longley (via teleconference), Asoke Nandi, Wayne Padgett (Chair), Gail Rosen, Roxana Saint-Nom (Past Chair), John Soraghan, Doug Williams (Vice Chair), Mark Yoder

Others: Mercy Kowalczyk (SPS), Olivier Pietquin (Liaison from SLTC), Sally Wood, Thad Welch (Associate Member and Former Chair), Sam Shearman, Andres Kwasinski, Enis Cetin (Liaison from SPTM TC), Tim Davidson (Liaison from SPCOM TC), Melani Plett, Meinard Müller (Liaison from AASP TC), Jeronimo Arenas-Garcia (Liaison from MLSP TC), Doug O'Shaughnessy (Associate Member and SP Magazine, Associate Editor for Education)

- Roll call and introductions
- Approval of agenda
- Subcommittee reports
 - o Awards (Woon-Seng Gan)
 - 2010 SP Education Award: TC nominated two candidates, including Rich Baraniuk who won. Nominations for the 2011 award will be accepted until Oct 1.
 - Distinguished Lecturer nominations: TC currently has two nominations with several more pending. These are due by June 1 and approvals will be done via email.
 - Baker Prize and Fink Paper Award nominations are due by Oct 1.
 - o Conferences and Workshops (Lina Karam and Gail Rosen)
 - SPEd Workshop held jointly with the DSP Workshop in Sedona, AZ last January.
 - 31 SPEd papers submitted (many were solicited) with 30 accepted
 - For combined workshops, paper acceptance rate was about 60%
 - Alicia Abella, Executive Director, AT&T Labs Research, gave an education-related plenary talk
 - The only oral session was composed of student presentations leading to a 'Peoples' Choice' award. This award approach was highly successful and led to significantly more general participation and engagement.
 - Workshops initially made the 19% profit target, but, since the overall budget surpassed \$100k, there was an additional audit fee.
 - European DSP in Education and Research Symposium (EDERS)
 - Summary by John Soraghan, Technical Chair
 - Held in Nice, France last December over 3 days, EDERS featured 53 accepted papers and 155 registrations. Despite extremely poor weather, 92 attended from 23 countries.
 - Education sessions followed each keynote presentation resulting in everyone attending those sessions
 - Incorporated 4 workshops on hands-on DSP running across 2 days
 - Next EDERS in 2012 in Northern Europe (most likely Amsterdam in September)
 - o Industrial Liaison (Lester Longley)
 - Progress is good on the emerging/new SPEN workshops
 - Have been contacting the Communications Society regarding their tutorial programs but haven't reached the right people yet
 - This subcommittee has had regular teleconferencing meetings throughout the year
 - Have recruited liaisons and several are attending today
 - o Membership & Bylaws (Doug Williams)
 - Successful elections last year resulting in several new members with increased geographic diversity
 - Later this year, will elect a new vice chair and new members
 - o Publications and Web Page (Wayne Padgett)
 - Two updates and status reports to the SPS eNewsletter this past year

- Lester Longley has been updating and expanding our webpage
 - Connexions (Roxana Saint-Nom)
 - Bylaws have been created and approved.
 - New, detailed process for handling submissions is in place.
 - Have had the official launch of the site.
 - Mos Kaveh's article in the SP Magazine has resulted in a large increase in site traffic.
 - 15 accepted module collections with over 100 modules total
 - 8 submissions are currently undergoing evaluation
 - ACTION: Members and affiliates should be looking for opportunities to create or recruit CNX submissions.
 - K-12 (Gail Rosen)
 - New subcommittee that is building connections to the Infinity Project and Drexel's program. Also, looking for other programs to connect to in the future.
 - Suggestions for the future:
 - Look for Distinguished Lectures who can give talks at high schools (Lina Karam)
 - Look at ASEE's materials and the 4H club materials/workbooks. It's very hard to get new materials into the 4H program. They have high standards and no existing connections to technical societies. (Sally Wood)
 - The IEEE Teacher in Service Program pays engineers to talk at schools. High schools are very different in different parts of the world, and speakers need to match both the high school structure and language. (Roxana Saint-Nom)
 - Student (Wayne Padgett)
 - New subcommittee being organized by Geoffrey Hermann, the student award winner at this past SPED Workshop.
 - Need both more students and a student chair. (Subcommittee chair must be a student.)
 - Regional (John Soraghan)
 - Mentioned EDERS earlier
 - Promoting ICASSP papers from Europe, and there some of these at ICASSP this year from the UK.
 - Working on recruiting student affiliate members
 - Industry Conference (Wayne Padgett and Lester Longley)
 - Missed chance to have early input to new SPS conference but are involved now
 - ESPA conference has flyers out and is designed to appeal to industry members.
 - ESPA will be the 3rd major SPS conference held jointly with the Consumer Electronics Show in Las Vegas each year.
 - Our TC needs to be well represented at ESPA in terms of demos, tutorials and papers.
 - Idea: offer tutorials/demos using materials that we've already created.
 - Associate Members (Wayne Padgett)
 - New associate members include Doug O'Shaughnessy (DSP Education Associate Editor for SP Magazine and in attendance).
 - Jon Thorn (Associate Member, for TC Member, and retired from TI) will be organizing our Affiliate Members.
- Distinguished Lecturer Nominations (Woon-Seng Gan)
 - Discussed the two candidates submitted to date.
 - Email ballots will go out shortly
 - [Note: Wayne Padgett forwarded the TC's nominations to the Society on June 1.]
- Nominations for Associate Editor (Education) (Wayne Padgett)
 - Elliot Moore (Associate Member) has replaced Monty Hayes as the IEEE Trans. on Education's Associate Editor for DSP.

- David Anderson is willing to be nominated for the Associate Editor position with the SP Letters that is focussed on education. This task has been delegated to our Awards & Nominations subcommittee.
- Liaisons to ASEE, IEEE Education Society (Wayne Padgett)
 - Working to increase interactions with ASEE. Lisa Heuttel has done this to some extent. Past TC member Cam Wright is in charge of ASEE Computers in Education, where SP Education papers have appeared in the past.
 - We have a good connection to the IEEE Education Society through Elliot Moore's position as associate editor. Working to improve interactions regarding conferences.
- Discuss SPed TC Review Report (Wayne Padgett)
 - Make TC members aware of needs for next review and identify champions for each goal
 - Wikipedia goal: Lina Karam and Adnan Al-Alaoui will be the TC contacts for this. Thad Welch will help. He has a DSP class this fall that will create and/or update Wikipedia pages.
 - Liaison goal: Still need a volunteer to champion web tutorials and other contributions from other TCs.
 - SP Magazine contribution goal: Gail Rosen will be the contact for this. We are awaiting official word from the Magazine's Editorial Board about the special issue proposal, but feedback so far indicates that they would prefer a series of columns and forums. Also, Rich Baraniuk's 'Trends' talk from this ICASSP will appear in the Magazine.
 - Industry tutorial interest goal: Will check with Jon Thorn and Lester Longley to see their interest in being contacts for this goal.
- Identifying chairs for remaining subcommittees
 - Lina Karam will chair the Conferences & Workshops subcommittee
 - Adnan Al-Alaoui will chair the Innovation & Growth subcommittee
- Next DSP/SPEd Workshop (Sally Wood)
 - Proposal for next workshop already approved by SPTM TC
 - Proposed to hold next workshop in Northern California in the general timeframe of July-September 2013.
 - Possible locations: Napa Valley/Sonoma, Donner/Truckee/Northstar, Bodega Bay/California Gold Country/Santa Cruz Mountains
 - Preliminary pledge of support from TI and NI
 - Convenient location for invited speakers from Silicon Valley
 - Goal in future is to alternate years with SSP workshop.
 - Unanimous vote to approve (10-0)
- Video tutorials (Wayne Padgett)
 - Discuss interest in supporting tutorial effort being led by John Treichler
 - Information circulated before meeting in Wayne's email.
- Student Competition (Wayne Padgett)
 - The Technical Directions Board has discussed holding a student competition. They are undecided on what they want or the purpose of the competition.
 - Looking for ideas and people to help.
 - Will send a letter to Tewfik and Kaveh in the next week or two.
 - Lina Karam and Roxana Saint-Nom will both write paragraphs describing their ideas.
- Announcements (Wayne Padgett)
 - TI Analog Symposium – Adnan Al-Alaoui and Roxana Saint-Nom will work with them.
 - Music Signal Processing – look in to working with Meinard Müller on general audience tutorials in this area.
- Future meeting plans by teleconference
 - June 27 (ASEE) – time to be determined
 - Aug 25, Oct 25, Dec 8 – all at 5pm Eastern time. Will ask SPS Office to help arrange these.
- Adjourn