

IEEE 802 Student Paper Competition

Overview

- IEEE 802 with IEEE standards education jointly sponsor a student paper competition
 - Hosted by 802.24
- Goals
 - Raise interest and awareness of 802 standards
 - Highlight interesting and innovative 802 applications
 - Develop content and collaboration for 802.24 white papers
 - Encourage students to consider standards activities
 - Have fun
- Coordinate with IEEE Standards Education for publicity and support

Proposed plan

- Open to all students worldwide. Original unpublished work only.
- Prizes
 - Top 3 get travel stipend, comp hotel (tbd) and cash award
 - Travel stipend is need based – students first ask if university will sponsor
 - Top 10 are offered presentation and meeting fee waiver
- All finalists have to provide presentation in addition to paper
- Presentations to be held in extra 802.24 slots
- Work with Susan Tatiner to talk to Potentials magazine, Computer Society, Spectrum, Communications Society, et al. to see if we can get the papers published
- Schedule:
 - Contest announced September 2015 (Bangkok)
 - Papers Due January 2016 (Atlanta)
 - Winners announced in March 2016 (Macau)
 - Papers presented July 2016 (San Diego)

Topic abstracts

- Announce call for topics on 802.24 and 802 EC reflector
- Topic abstracts due End of August
 - Describe what the “judges” will be looking for
- Post topic abstracts to Reflector
- Selection of first competition topic to be made during September meeting
- EC email ballot to approve call for papers and funding

Current topic list

- Regulatory (TVWS, cognitive radio, sensing metrics, etc) (James Gilb)
- Implications of LBT rules in regulatory domains, techniques for spectrum sharing (Ruben S)
- New ideas for standards or amendments (Steve Pope)
- History and implementation of security architecture (Demir)
- Improving Humanity through Technology (Steve Pope)
- Others?

Funding proposal

Prize Level	Cash Award	Travel Stipend	Meeting Fee Waived	Hotel Room Comp	Presentation	Publication
First Prize	\$1000	\$500	✓	✓	✓	✓
Second Prize	\$500	\$500	✓	✓	✓	✓
Third Prize	\$250	\$500	✓	✓	✓	✓
4 th to 10 th place	-	-	✓	-	✓	?

- Joint between IEEE SA and IEEE 802
- IEEE SA (Susan Tatiner)
 - Provides funding, promotional support, coordination with publications
- IEEE 802 Funding
 - \$3250 plus residual costs of waiver and room comps, minus IEEE SA contribution