

Call for Tutorial Proposals

IEEE DySPAN 2017 will include several half-day tutorials covering both technology and policy topics. Topics of interest include but are not limited to:

- Spectrum measurement and experimental techniques
- New spectrum sharing models
- Hardware architectures, implementation and DSA experiments
- Applications of SDRs to environmental sensing and spectrum sharing research
- Electromagnetic Compatibility and interference models
- Propagation measurements and models
- Spectrum sharing rulemaking analyses
- Regulatory models for dynamic spectrum access
- Spectrum for Heterogeneous, Ultra-Dense/Short range and Personal Area networks
- Spectrum for mission-critical services
- Techno-Economic Aspects of Spectrum & Wireless Access Markets
- Business models and pricing for dynamic spectrum access
- Spectrum sharing vs. Infrastructure sharing
- Standardization of DSA technology
- Implementations of dynamic spectrum access systems (SAS)
- Schemes for post hoc detection, identification, classification and mitigation of interference between systems
- Sensor networks and machine learning, dynamically adjusted models, spatial correlation and self-optimizing networks, data mining
- Integrated control or coordination between disparate systems

Submission Procedure

Tutorial proposals (4 pages maximum) should be submitted in PDF format (single column, minimum 11 pt font size) and must include the following:

- Title and Abstract, describing the main focus and topics to be addressed.
- Motivation, explaining why this tutorial is appropriate for DySPAN 2017.
- Summary of tutorial content, indicating the topics that the tutorial will cover in more detail.
- Intended audience, a description of the primary and secondary audiences interested in this tutorial topic, explaining how these audiences can benefit from the tutorial.
- Novelty, highlighting the technical innovations presented in this tutorial that make it likely to attract a large audience.
- Past tutorials, indicate if this tutorial or a closely related tutorial has been presented previously, please include the date(s), venue(s), and number of participants.
- Biography of the Instructor, emphasizing the research and teaching experience and/or accomplishments related to the topic of the tutorial.

- Logistics, describing the type of tutorial (lecture vs. hands-on), any requirements for the tutorial room, any requirements for participants (prerequisite knowledge or need to bring a laptop, etc.), and any capacity limitations.
- Contact information of the Instructor, including institutional affiliation(s), address, telephone number, and email address.

Proposals must be submitted electronically to the DySPAN 2017 Tutorials Track on EDAS, using the link <https://edas.info/newPaper.php?c=22534&track=80608>

Review Process

Tutorial proposals will be evaluated on the basis of their estimated benefit for prospective participants and on their fit within the tutorials program as a whole. Factors to be considered include: relevance, timeliness, importance, and audience appeal; suitability for presentation in a half-day format; and past experience. Selection is also based on the overall distribution of topics, expected attendance, and background of the intended audiences. Thus, it might be that some tutorials of technical merit cannot be accommodated.

Tutorial Chairs

Oliver Holland, King's College London, UK (oliver.holland@kcl.ac.uk)

Eric Nelson, National Telecommunications and Information Administration, USA
(enelson@its.bldrdoc.gov)

Important Dates

Tutorial proposals due: 8 October 2016

Tutorial acceptance notification: 22 October 2016

Submission of first version of tutorial content to tutorial chairs for feedback: 19 December 2016