

DySPAN 2017 -- Call for demonstrations

Introduction

This is a call for proposals to demonstrate systems, prototypes, critical technology components and algorithms at IEEE DySPAN 2017, which will be held in Baltimore, MD, USA, 6 – 9 March 2017.

Similar to IEEE DySPAN in 2007, 2008, 2010, 2011, 2012, 2014, and 2015, IEEE DySPAN 2017 will provide the opportunity to conduct live demonstrations of dynamic spectrum systems. The event will offer an invaluable opportunity to **demonstrate and interact** with other world-leading researchers in the field of dynamic spectrum access.

To participate in the demonstration and experimentation activities, candidates shall complete the demonstration form to provide a description of the planned demonstration and/or experimentation. The IEEE DySPAN 2017 Demonstration Committee will evaluate the proposals based on the three criteria:

- **Technical Significance:** how important and novel is the demonstration to the community.
- **Demonstration Maturity:** the demonstration must be mature enough “to leave the lab.” Demonstrations involving RF transmissions must include *a priori* or *in situ* risk mitigation measures to ensure regulatory compliance and coexistence with other spectrum users.
- **Demonstration Supportability:** how the intended demonstration will fit to the IEEE DySPAN program, and will it be possible to conduct such demonstration given regulatory and physical constraints, e.g., space and time span.

All proposal submissions shall attach a maximum 2-page paper, which describes to the general audience the purposes and functionalities of the developed demonstrator. Papers from accepted demonstrations will be included in the IEEE DySPAN 2017 proceedings and included in the IEEE Xplore database. External reviewers appointed to IEEE DySPAN 2017 Demonstration Track will review the accompanying 2-page description papers to ensure quality and fairness. Review results will have influence on the final decision of the Demonstration Committee. Visit <https://edas.info/> to submit a paper.

During IEEE DySPAN 2017, a Best Demo Award will be given to the best university team and best industry team participating in the Demonstration Track. All demos will be evaluated based on visitors’ votes (gathered during the conference) and the Award Committee, which will be introduced during the conference venue.

PLEASE NOTE: To be published in the IEEE DySPAN 2017 Conference Proceedings and IEEE Xplore®, an author of an accepted paper is required to register for the conference at the full (member or non-member) rate and the paper must be presented by an author of that paper at the

conference unless the TPC Chair grants permission for a substitute presenter arranged in advance of the event and who is qualified both to present and answer questions. Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers, one full registration is valid for up to 3 papers. Accepted and presented papers will be published in the IEEE DySPAN 2017 Conference Proceedings and submitted to IEEE Xplore®.

Important Dates

Dec 17, 2016	Complete proposal form (submit directly to IEEE DySPAN demo Chairs) and 2-page demonstration paper (submit to https://edas.info/)
Jan 15, 2017	Notification of demonstration proposal acceptance
6 – 9 March 2017	IEEE DySPAN 2017 Symposium

Regulations and Transportation

Regulatory licenses will be negotiated and procured by the demonstration committee based on submitted system capabilities. It is therefore necessary to have knowledge of **all possible frequency ranges** a device is capable of using, as certain frequencies are restricted for experimental use in Sweden.

It is the responsibility of each demonstration participant to secure shipping and handling of their equipment to and from the demonstration site.

Other points to take note:

- Moving large amounts of electronics through an airport (especially customs) is going to take time. Consider using airfreight for transferring equipment. Otherwise, prepare well in advance and be sure to have all supporting documentation on hand.
- It is also advised that participants consider insurance for any hardware during the symposium and shipping process.

Demonstration Committee Contact Information

Submission and general inquiries:

Demonstration Chairs	Email Address	Contact Number
Sofie Pollin	sofie.pollin@esat.kuleuven.be	
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