

# STINT 2018

December  
11-13th

Huntsville,  
AL, USA

Co-located with  
IEEE WiSEE 2018

**Chairs:**

Edward J. Birrane, APL, USA  
Marius Feldmann, TUD, Germany  
Juan A. Fraire, CONICET, Argentina  
Nelli Mosavi, APL, USA

**Web:**

[www.stintworkshops.org](http://www.stintworkshops.org)

5<sup>th</sup> Annual

## Space-Terrestrial Internetworking Workshop (STINT)

Chairs: Edward J. Birrane (APL), Marius Feldmann (TUD), Juan A. Fraire (CONICET), Nelli Mosavi (APL)

### Scope and Overview

The Space-Terrestrial Internetworking Publications Workshop (STINT-PUBS) addresses emerging technical topics related to data exchange between and amongst space-based and terrestrial network nodes. Such communications systems accept space assets as first-class nodes performing common network functions including stateful packet inspection, routing, management, and security.

Full research papers are solicited for the protocols, applications, and operational concepts required to make these internetworks both technically feasible and operationally deployable. Specifically, STINT-PUBS welcomes researchers and practitioners in the following areas.

- Modeling and Dynamics of Mobile Space-Based for Optical\RF Networks
- Autonomous Configuration and Control of Network Nodes
- Protocols, Applications, and Concepts for Network Management
- Adaptive Networking Technologies (e.g., SDN, ICN)
- Delay and Disruption Tolerant Networking
- Store-and-Forward Routing, Congestion Modeling, and Topological Synchronization
- Deep Space Networks and the Solar System Internet
- End-to-end Security Services Across an Internetworking Overlay
- Commercial/Scientific/Government Mission Concepts Enabled by Internetworks
- Optical Network Availability, Resilience and Survivability
- Optical Network Using Photonic Integrated Circuits
- Optical Time and Frequency Transfer

### Workshop Format

The STINT-PUBS workshop will run for a full day with a morning session and an afternoon session. Similar to previous STINT workshops, STINT 2018 will comprise a workshop keynote, a session devoted to full research papers, a poster session, and a moderated panel discussion.

## Format and Submission Instructions

STINT follows the guidelines for paper and poster submissions for the WiSEE 2018 conference, which are listed at <http://sites.ieee.org/wisee/submission-guidelines/>. Specifically:

- Papers and abstracts of posters must be written in English and prepared in Portable Document Format (PDF).
- Papers and abstracts of posters must be formatted according to the standard IEEE two-column format with single-spaced, ten-point font text, as given in the IEEE templates below.
- The maximum length of full papers and poster abstracts are six (6) and three (3) pages, respectively.
- All figures, tables, references etc. are included in the page limit.
- All fonts must be embedded into the PDF file.
- All papers and abstracts of posters must be submitted online at the link below.

All paper submissions are through the same online system (<http://edas.info/N24232>). Make sure to select your desired workshop or main WiSEE conference track during submission. Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other indexing databases.

## Important Dates

- Paper Submission: July 1st, 2018
- Acceptance Notification: August 1st, 2018

STINT follows the WiSEE 2018 conference calendar, which can be located at: <http://sites.ieee.org/wisee/>. Please check the WiSEE website for any updates to these dates.

## IEEE Policies

The IEEE reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE Xplore) if the paper is not presented at the workshop. Papers are reviewed on the basis that they do not contain plagiarized material and have not been submitted to any other conference or workshop at the same time (double submission).