Call for Contributions for
Submission:
1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SPACOMM+2019+Special
Please select Track Preference as **IComSSat**

Special track
IComSSat: Inter-satellite Communication for Small Satellites

Chair and Coordinator

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along with

SPACOMM 2019, The Eleventh International Conference on Advances in Satellite and Space Communications
https://www.iaria.org/conferences2019/SPACOMM19.html
March 24, 2019 to March 28, 2019 - Valencia, Spain

Future space missions will be driven by design considerations such as the need for reduced cost of spacecraft without diminished performance, new services and capabilities including autonomous operations, re-configurability and servicing (or proximity) operations. The potential for providing improved spatial and temporal resolutions of a target are other driving factors. Small satellites, deployed as a sensor network in space, can through inter-satellite communication (ISC) enable the realization of these future goals. However, unlike large satellites, the communication sub-system of small satellites is constrained by the size, mass and power (SMaP) of the hardware (or electronics) that can be carried onboard. Thus, developing the communication subsystem that can facilitate ISC within a network of small satellites require a complex range of design trade-offs.

This special track will focus on new/emerging technologies for enabling ISC in multiple small satellite networks.

Authors are encouraged to submit contributions that address the following issues:
i.   Size, mass and power (SMaP) constraints of small satellites ;
ii. System engineering of the inter-satellite communication system ;
iii. Proposed solutions/contributions with emphasis on the Physical, MAC/DataLink and/or Network layer for ISC ;
iv. Access schemes, channel models, optimization technics, game theory and QoS/performance analysis.

Important Datelines
Inform the Chair: As soon as you decided to contribute
Submission: Jan 29, 2019
Notification: Feb 18, 2019
Registration: Feb 27, 2019
Camera-ready: Feb 27, 2019
Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]

- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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