



**IEEE ANTS** is a premier IEEE forum on advanced networking and telecommunications topics. IEEE ANTS is financially and technically supported by IEEE Communications Society. The distinguishing characteristic of IEEE ANTS is the promotion of an intense dialogue between academia and industry to bridge the gap between academic research, industry initiatives, and governmental policies. This is fostered through panel discussions, keynotes, invited talks, and industry exhibits, where academia is exposed to state-of-the-practice and results from trials and interoperability experiments. The industry, in turn, benefits from exposure to leading-edge research as well as an opportunity to communicate and collaborate with academic researchers regarding practical problems. This year the theme is **“BRIDGE TO CONNECT EVERYTHING”**. In addition to the myriad of topics mentioned in the list below, technical papers are invited which have special focus on enabling technologies for a hyper-connected world. **IEEE ANTS 2019** will be held at **BITS Pilani K.K. Birla Goa Campus**, one among the six institutes of eminence identified by the Government of India. The theme of the conference will foster an environment for deliberating on different research aspects on the said topic. Authors can submit short (4 pages) and regular (max 6 pages) papers that contain original material which is not currently communicated in other conference or journal and has not been previously published. For a detailed list of topics under which you can submit, please refer to the Main Call for Papers.

#### IMPORTANT DATES

Main Conference Track:

Paper Submission: 15 August 2019 (Hard Deadline)

Notification: 15 September 2019 (Hard Deadline)

Final Submission: 30 September 2019

Call for Workshops:

Proposal Submission: 15 August 2019 (Hard Deadline)

Notification: 15 September 2019

Call for Tutorials:

Proposal Submission: 15 August 2019 (Hard Deadline)

Notification: 15 September 2019

PhD Forum (minimum 2 pages):

Paper Submission: 15 August 2019 (Hard Deadline)

Notification: 15 September 2019

Featuring:

Women in Engineering (WiE) Mini Conference: Panels, Keynotes, Tutorials and Technical Track (find a separate track for submission on EDAS).

The first author must be female; the presenter must be female.

Submission date is same as Main Conference Track.

Industry/Start-ups show case:

Please check the details on the conference website

Sponsorship:

*In order to sustain the quality of IEEE ANTS that the ANTS community and the IEEE communication society have been able to establish thus far, we greatly depend on financial support from reputed organizations and provides you an opportunity to showcase your organizations capabilities to researchers and engineers from all over the world. For more details about sponsorship, please visit: <http://ants2018.ieee-comsoc-ants.org/patrons/>*

*or Please contact Dr. Sudhir Dixit for more information at*

[sudhir.dixit@ieee.org](mailto:sudhir.dixit@ieee.org)

#### PHD STUDENT FORUM – CALL FOR PAPERS

The PhD forum provides an opportunity for research students to showcase their original yet incomplete ‘work-in-progress’. Apart from the TPC reviews, presentations would allow authors an opportunity to have detailed discussions with the conference attendees and obtain feedback on their work. The forum also encourages authors to hold live and/or interactive demonstrations as part of their presentations.

Limited funds are available for students to travel to the conference for paper presentation and participation.

##### How to submit

Original submissions are invited for ANTS 2019 PhD forum in the broad areas of wire-line networks, wireless networks, and network applications. Authors must submit an extended abstract using EDAS on or before August 05, 2019.

The abstract should describe the main motivation and results in sufficient detail to allow the reviewers to assess the potential contribution of the work. The abstracts should be authored by active PhD Students only and should be a minimum of two pages long and a maximum of six pages, in two-column format. A set of 5-7 keywords should accompany the abstract. The abstracts will not be archived, and the authors would not need to sign the IEEE copyright form. Abstracts will be reviewed by the TPC and only selected work can be presented in the conference. However, the selected abstracts will not appear in IEEE-Explore. Submitted abstracts should be unpublished and not under review for any other publication and if selected the authors must present their work at the conference.

##### Time lines for PhD Forum

Paper Submission: 15 August 2019

Notification: 15 September 2019

##### Contacts

Please direct all IEEE ANTS 2019 PhD Forum related questions to the PhD Forum Co-Chair:

Dr. Hrishikesh S Sonaliker ([hrishikeshs@goa-bits-pilani.ac.in](mailto:hrishikeshs@goa-bits-pilani.ac.in))

Dr. Madhusanka Liyanage, University of Oulu, Finland ([Madhusanka.Liyanage@oulu.fi](mailto:Madhusanka.Liyanage@oulu.fi))

Dr. Ashutosh Gore, Qualcomm, ([ashgore@qti.qualcomm.com](mailto:ashgore@qti.qualcomm.com))

For other enquiries: [ieeeants19@gmail.com](mailto:ieeeants19@gmail.com)

#### ORGANIZING COMMITTEE

General Chair

Prof. G Raghurama, BITS Pilani K K Birla Goa Campus

Vice General Chair

Prof. Anand Srivastava, IIT Delhi, India

PhD Forum Co-chairs

Dr. Hrishikesh S Sonaliker, BITS Pilani K K Birla Goa Campus.

Dr. Madhusanka Liyanage, University of Oulu, Finland.

Dr. Ashutosh Gore, Qualcomm.

Local Organization Committee

Dr. Gautam Bacher, BITS Pilani K K Birla Goa Campus

Vivek Chandran, BITS Pilani K K Birla Goa Campus

More Information About IEEE ANTS 2019:

Please Visit: <http://ants2019.ieee-comsoc-ants.org>

Contacts:

[hrishikeshs@goa.bits-pilani.ac.in](mailto:hrishikeshs@goa.bits-pilani.ac.in)

[Madhusanka.Liyanage@oulu.fi](mailto:Madhusanka.Liyanage@oulu.fi)

[ashgore@qti.qualcomm.com](mailto:ashgore@qti.qualcomm.com)