**10th ISSS National Conference on Micro and Smart Systems**

21st-23rd, October, 2019, Nitte, Karanataka

Schedule

Venue: Sambhram Auditorium, NMAMIT, Nitte

Day 1, Oct. 21st, 2019 (Monday)

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| *Time* | *Event* |
| 08:30 – 09:30 | Conference registration and breakfast |
| 09:30 – 10:30 | Opening plenary talk by Dr. P. K. Panda, Chief Scientist, NAL-Bengaluru  Discussion leader: Prof. Veda Nagaraj, NMIT-Bengaluru  Title:Title of the talk |
| 10:30 – 11:00 | Conference inauguration |
| 11:00 – 12:15 | Plenary talk 1 by Prof. S. Gopalakrishnan, IISc  Discussion leader: Prof. D. Roy Mahapatra, IISc  Title: Active Structure-borne Noise and Vibration Control of Marine platform using Novel Piezoelectric Stack Actuators |
| 12:15 – 13:30 | Plenary talk 2 by Prof. Dipti Gupta, IIT-Bombay  Discussion leader: Prof. Arvind Ajoy, IIT-Palakkad  Title: Development of flexible electronic devices and sensors for biomedical and industrial applications |
| 13:30 – 14:30 | Lunch |
| 14:30 – 15:45 | Plenary talk 3 by Prof. Amit Agarwal, IIT-Bombay  Discussion leader: Prof. Sivaramakrishna Vanjari, IIT-Hyderabad  Title: Development of Innovative Point-of-Care Microdevices |
| 15:45 – 17:00 | Plenary talk 4 by Prof. Saurabh Chandorkar, IISc  Discussion leader: Prof. Revathy Padmanabhan, IIT-Palakkad  Title: Energy Loss Mechanisms in Micromechanical Resonators |
| 17:00 – 17:30 | Mentoring session 1 (for 20 students) |

Day 2, Oct. 22nd, 2019 (Tuesday)

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| *Time* | *Event* |
| 08:30 – 09:15 | Conference registration and breakfast |
| 09:15 – 10:30 | Plenary talk 5 by Prof. Enakshi Bhattacharya, IIT-Madras  Discussion leader: Prof. Sivaramakrishna, IIT-Hyderabad  Title:Silicon-based Biosensors and BioMEMS |
| 10:30 – 11:00 | ISSS awards function |
| 11:00 – 12:15 | Plenary talk 6 by Dr. V. R. Lalithambika, ISRO  Discussion leader: Dr. M. S. Giridhar, LEOS, ISRO  Title: Space exploration |
| 12:15 – 13:15 | Flash talks of contributed papers |
| 13:15 – 14:15 | Lunch |
| 14:30 – 15:45 | Plenary talk 7 by Prof. Rahul Roy, IISc  Discussion leader: Prof. Sudhanshu Shukla, IIT-Dharwad  Title: Droplet microfluidics for single molecule analysis |
| 15:45 – 17:00 | Plenary talk 8 by Prof. G. M. Kamath, IIT-Kanpur  Discussion leader: Prof. D. Roy Mahapatra, IISc  Title: Corrosion Monitoring in Aircraft Structures |
| 17:00 – 17:30 | Mentoring session 2 (for the next 20 students) |
| 18:00 – 20:00 | Cultural programme |
| 20:00 – 20:30 | Dinner |

Day 3, Oct. 23rd, 2019 (Wednesday)

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| *Time* | *Event* |
| 08:30 – 09:15 | Mentoring session 3 over breakfast (15 students) |
| 09:15 – 10:30 | Closing plenary talk by Prof. K. V. Gangadharan, NIT-K  Discussion leader: Dr. Vidyashankar Buravalla, GE-Bengaluru  Title:Title of the talk |
| 10:30 – 11:00 | ISSS student awardees’ talks |
| 11:00 – 13:00 | Flash talks of contributed papers |
| 13:00 – 13:30 | Valedictory and feedback session |
| 13:30 – 14:30 | Lunch |