



2nd International Conference on Frontiers in Computing and Systems (COMSYS-2021)

29th September to 1st October 2021

Organized by

Department of Electronics & Communication Engineering and Department of Information Technology,
North-Eastern Hill University, Shillong, Meghalaya, India

<https://www.comsysconf.org>

Program Schedule at a Glance

Day-1 – 29/09/2021 (Wednesday)	
Time	Event
10.00 am – 11.00 am	Session-1: <i>Inauguration Ceremony</i>
11.30 am – 1.30 pm	Session-2: <i>Tutorial-1</i> Speaker: Mr. Piotr Sarna, Scylla DB, Poland Topic: Scylla for IoT: an introduction to LSM storage format and data modelling for a distributed NoSQL database. Chair: Dr. Malay Kule, Indian Institute of Engineering Science and Technology (IEST), Shibpur, India.
3.00 pm – 5.30 pm	Session-3: <i>Tutorial-2</i> Speaker: Prof. Bartlomiej Przybylski, Institute of Informatics, University of Warsaw, Poland and Adam Mickiewicz University in Poznań, Poland. Topic: Resource management in FaaS computing. Chair: Dr. Jacek Sroka, University of Warsaw, Poland.
7pm-8 pm (Tentative)	Session-4: <i>Cultural Program</i>

Day-2 - 30/09/2021 (Thursday)	
Time	Event
10.00 am – 11.00 am	Session-5: <i>Keynote-1</i> Speaker: Prof. Punam K Saha, University of Iowa, United States Topic: Osteoporosis and Roles of Bone Imaging and Microarchitecture Chair: Prof. Mita Nasipuri, Jadavpur University, Kolkata, India.
11.30 am – 1.30 pm (Parallel Track Time)	Session-6 : <i>Technical Session-1</i> Track Name: Artificial Intelligence, Machine Learning, & Data Science-I Session Chair: Dr. Sunita Sarkar, Assam University, Silchar, India Session Co-ordinator: Dr. S. K. Dutta, North-Eastern Hill University, Shillong, India.
11:30 AM to 1:30 PM (Parallel Track Time)	Session-6 : <i>Technical Session-2</i> Track Name: Biomedical and Bioinformatics Session Chair: Dr. Somnath Mukhopadhyay, Assam University, Silchar, India Session Co-ordinator: Dr. K. Amitab, North-Eastern Hill University, Shillong, India.
11:30 am to 1:30 pm (Parallel Track Time)	Session-6 : <i>Technical Session-3</i> Track Name: Computer Networks, Communication, and Security-1 Session Chair: Prof. Debashis De, Maulana Abul Kalam Azad University of Technology, Kolkata, India. Session Co-ordinator: Dr. Rajkishur Mudoi, North-Eastern Hill University, Shillong, India.
3.00 pm – 5.00 pm (Parallel Track Time)	Session-7: <i>Technical Session-4</i> Track Name: Artificial Intelligence, Machine Learning, & Data Science-II Session Chair: Prof. Nibaran Das, Jadavpur University, Kolkata, India. Session Co-ordinator: Dr. Juwesh Binong, North-Eastern Hill University, Shillong, India.
3:00 pm-5.00 pm (Parallel Track Time)	Session-7: <i>Technical Session-5</i> Track Name: Computer Networks, Communication & Security-II



**2nd International Conference on
Frontiers in Computing and Systems (COMSYS-2021)**

29th September to 1st October 2021

Organized by

Department of Electronics & Communication Engineering and Department of Information Technology,
North-Eastern Hill University, Shillong, Meghalaya, India

<https://www.comsysconf.org>

	<p>Session Chair: Prof. Sujata Pal, Indian Institute Technology, Ropar, India Session Co-ordinator: Ms. Fidaliza Pyrtuh, North-Eastern Hill University, Shillong, India.</p>
3:00 pm-5.00 pm (Parallel Track Time)	<p>Session-7: <i>Technical Session-6</i> Track Name: Image, Video & Signal Processing-I Session Chair: Prof.Amlan Chakrabarti , University of Calcutta, Kolkata, India. Session Co-ordinator: Dr. Pankaj Sarkar, North-Eastern Hill University, Shillong, India.</p>
6.00pm – 7.30 pm	<p>Session-8: <i>Keynote-2</i> Speaker: Prof. Peter Brida, University of Zilina, Slovakia Topic: Modular Positioning Solution as Key Enabler for Seamless Mobile Localization Chair: Prof. Debotosh Bhattacharjee, Jadavpur University, Kolkata, India.</p>

Day-3 - 01/10/2021 (Friday)	
Time	Event
10.00 am – 11.00 am	<p>Session-9: <i>Keynote-3</i> Speaker: Prof. Anna Barbara Gambin, University of Warsaw, Poland Topic: Statistical modelling in proteomics Chair: Prof. Subhadip Basu, Jadavpur University, Kolkata, India.</p>
11.30 am – 1.30 pm (Parallel Track Time)	<p>Session-10: <i>Technical Session-7</i> Track Name: AI, Machine Learning & Data Science-III Session Chair: Dr. Sudip Kumar Naskar, Jadavpur University, Kolkata, India. Session Co-ordinator: Dr. J Swarnakar, North-Eastern Hill University, India.</p>
11:30 am to 01:30 pm (Parallel Track Time)	<p>Session-10: <i>Technical Session-8</i> Track Name: Image, Video & Signal Processing-II Session Chair: Prof. Goutam Saha, North-Eastern Hill University, Shillong, India. Session Co-ordinator: Dr. R. K. Mudoi, North-Eastern Hill University, Shillong, India.</p>
11:30 am to 01:30 pm (Parallel Track Time)	<p>Session-10: <i>Technical Session-9</i> Track Name: VLSI, Devices & Systems Session Chair: Prof. Sayan Chatterjee, Jadavpur University, Kolkata, India. Session Co-ordinator: Dr. S.K. Dutta, North-Eastern Hill University, Shillong, India.</p>
11:30 am to 01:30 pm (Parallel Track Time)	<p>Session-10: <i>Technical Session-10</i> Track Name: Artificial Intelligence, Machine Learning, and Communication Session Chair:Dr.D. Kandari, North-Eastern Hill University, Shillong, India. Session Co-ordinator: Dr.K. Amitab, North-Eastern Hill University, Shillong, India.</p>
3.00 pm – 4.00 pm	<p>Session-11: <i>Keynote-4</i> Speaker: Dr. Friedhelm Schwenker, University of Ulm, Germany Topic: Deep Learning Architectures in Artificial Emotional Intelligence Chair: Prof. Ram Sarkar, Jadavpur University, Kolkata, India.</p>
5.00 pm – 6.30 pm	<p>Session-12: <i>Closing Ceremony</i> i) Panel discussion on "Industry Connect" Moderator: Prof. Debotosh Bhattacharjee, Jadavpur University, Kolkata, India Host: Prof. Subhadip Basu, Jadavpur University, Kolkata, India Participants: a) Naohari Furukawa, GM-R&D, Hitachi, Australia. b) Pradeep Walia, Founder, Artelus & Entrepreneur c) Vivek Karmakar, Consulting Partner, Data Science & Artificial Intelligence, Wipro ii) Valedictory Session and Award Ceremony Speaker: Prof. Dipak Kumar Kole, Jalpaiguri Government Engineering College Dr. Juwesh Binong, North Eastern Hill University, Shillong, India</p>