

5th International Conference on Frontiers in Computing and Systems (COMSYS-2025), September 25-27, 2025

Organized by
Warsaw University of Technology, Poland and
COMSYS Educational Trust, Kolkata, West Bengal

Day 1: 25th September 2025 (THURSDAY)

IST 1130 – 1230/CET 0800-0900: **KEYNOTE 1: Limitations of Artificial Intelligence in Abstract Visual Reasoning** by Prof. Jacek Mańdziuk

IST 1230-1430/(ONLINE) CET 0900-1100: TS-01 (7) 5,26,38,41,43,45,46	IST 1230-1430/(ONLINE) CET 0900-1100: TS-02 (7) 114,123,125,132,137,138,160	IST 1230-1430/(ONLINE) CET 0900-1100: TS-03 (6) 222,223,226,228,258,259	IST 1230-1500/(ONLINE) CET 0900-1130: SS-01(10) 224,225,242,276,280,281,318 ,331,332,334
IST 1445-1645/(ONLINE) CET 1115-1315: TS-04 (7) 47,48,50,51,52,56,58	IST 1445-1645/(ONLINE) CET 1115-1315: TS-05 (7) 161,164,168,176,183,195,196	IST 1445-1645/(ONLINE) CET 1115-1315: SS-02 (6) 186,202,315,333,354,373	IST 1530-1800/(ONLINE) CET 1130-1400: SS-03(10) 261,287,311,339,340,342,345 ,359,363,381
IST 1700-1830/(ONLINE) CET 1330-1500: TS-07 (6) 4,29,57,65,68,174	IST 1700-1830/(ONLINE) CET 1330-1500: TS-08 (5) 37,129,135,154,201	IST 1700-1830/(ONLINE) CET 1330-1500: SS-04(6) 253,275,278,299,300,307	

IST 2030-2130/CET 1700-1800: **Inauguration (OFFLINE)**

- Release of the “COMSYS-2025” brochure by the dignitaries
- Welcome address by Program Chair: Prof. Robert Nowak, Warsaw University of Technology, Poland
- Address by General Chair: Prof. Debotosh Bhattacharjee, Jadavpur University, Kolkata, India
- Address by Prof. Grzegorz Świątek, Dean, Warsaw University of Technology, Poland
- Address by Prof. Janina Maria Kotus, Vice-Dean, , Warsaw University of Technology, Poland
- Address by Organizing Chair, Prof. Wojciech Matysiak, Warsaw University of Technology, Poland
- Vote of Thanks by Organizing Chair, Prof. Ram Sarkar, Jadavpur University, Kolkata, India

CET 1830 onwards: **Welcome Dinner**

Day 2: 26th September 2025 (FRIDAY)

IST 1130-1330/(ONLINE) CET 0800-1000: TS-9(7) 60,61,62,67,76,88,109	IST 1130-1330/(ONLINE) CET 0800-1000: TS-10(7) 203,205,210,212,214,216,218	IST 1130-1330/(ONLINE) CET 0800-1000: TS-11(7) 272,284,286,292,308,327,328	IST 1130-1330/(ONLINE) CET 0800-1000: SS-05(6) 232,256,272,285,309,360
IST 1345-1545/(ONLINE) CET1015-1215: TS-12(5) 192,204,215, 249,351	IST 1345-1545/(ONLINE) CET1015-1215: TS-13(5) 254,301,313,362,383	IST 1345-1545/(ONLINE) CET1015-1215: SS-06(5) 194,209,295,385,387	IST 1345-1545/(ONLINE) CET1015-1215: SS-07(5) 271,316,348,365,240

5th International Conference on Frontiers in Computing and Systems (COMSYS-2025), September 25-27, 2025

Organized by
Warsaw University of Technology, Poland and
COMSYS Educational Trust, Kolkata, West Bengal

Day 3: 27th September 2025 (SATURDAY) OFFLINE

IST 1300-1430/ CET 0930-1100: **TS-14 (OFFLINE)** 27,40,63,175,314,369

IST 1430-1500 /CET 1100-1130: **Coffee Break**

IST 1500-1600/CET 1130-1230(**OFFLINE**):

KEYNOTE 2: Scalable genomics data analysis by Prof. Tomasz Gambin

IST 1600-1700/CET 1230-1330: **Lunch Break**

IST 1700-1900/ CET 1330-1530: **TS-15 (OFFLINE)** 34,92,139,156,157,159,229,233

IST 1900-2000/ CET 1530-1630(**OFFLINE**):

KEYNOTE 3: Spatio-temporal pattern discovery: Is a data mining approach really enough? By Prof. Piotr Maciag

IST 2000-2030/CET 1630-1700: **Coffee Break**

IST 2030-2100/ CET 1700-1730(**OFFLINE**):

Valedictory session

- Address by General Chair: Prof. Dariusz Plewczynski, Warsaw University of Technology, Poland
- Certificate distribution
- Concluding remarks by General Chair: Prof. Debotosh Bhattacharjee, Jadavpur University, Kolkata, India

Main Tracks:

Track 1: Computational Genomics, Bioinformatics, and Biomedical Informatics

TS7, TS12, TS14

Track 2: Artificial Intelligence, Machine Learning and Data Science

TS1, TS2, TS3, TS4, TS5, TS6, TS9, TS10, TS11, TS15

Track 3: Communication Networks, Cloud Computing, Security and IoT

TS8, TS13

Special Sessions:

SS1: Generative Models and Vision Transformers in Medical Image Analysis

SS2: From Code to Community: AI/ML Driven Solutions for UN Sustainable Development Goals

SS3: Application of Quantum Computing System to solve Optimization Problems.

SS4: Neurodegenerative disorders, neurorehabilitation and their implication on mind

SS5: Sustainable solutions and AI/ML-based approaches in Education.

SS6: Artificial Intelligence in Next-Gen Green Energy Technologies

SS7: Secure Synergies: Cybersecurity Challenges and Solutions in Digital Twin Systems and Emerging Intelligent Infrastructure