

**7th International Conference on Frontiers in Computing and Systems  
(COMSYS-2026), June 24-26, 2026**

**Organized by**

**Škoda Auto vysokáškola (Skoda Auto University), Czech Republic**

**and**

**COMSYS Educational Trust, Kolkata, West Bengal**

**Day 1: 24th June 2026 (WEDNESDAY) OFFLINE**

IST 14:00-15:00/ CET 10:30-11:30: Visit to a selected part of Škoda Auto, followed by transfer back to ŠAVŠ

IST 15:15-16:00 /CET 11:45-12:30: **Lunch Break**

IST 16:00-16:30/CET 12:30-13:00:

- Release of the “COMSYS-2026” brochure by the dignitaries
- Welcome address by Prof. Helena Chytilová. Vice-Rector for International Relations, Škoda Auto University, MladáBoleslav, Czech Republic
- Address by General Chair: Prof. Debotosh Bhattacharjee, Jadavpur University, Kolkata, India
- Address by General Chair(online): Prof. OndřejKrejcar, Škoda Auto University, MladáBoleslav, Czech Republic
- Address by Program Chair: SubhadipBasu, Jadavpur University, Kolkata, India
- About COMSYS Hackathon VII: Prof. Nibaran Das, Jadavpur University, Kolkata, India
- Vote of Thanks by Organizing Chair, Prof. Ram Sarkar, Jadavpur University, Kolkata, India

IST 16:30-17:30/CET 13:00-14:00: **KEYNOTE 1:** Title: “Sequential Models and LLM-Based Representations for the Next Generation of Recommender Systems” by Prof. SubhankarDhar, San Jose State University, USA

**Session Chair:** Prof. Shubhajit Roy Chowdhury, IIT Mandi, Himachal Pradesh

IST 17:30-18:30/CET 14:00-15:00: **KEYNOTE 2:** Title: “Who Controls the Algorithm? Ethical and Practical Questions of Artificial Intelligence” by Prof. Antonin Pavlicek, Prague University of Economics and Business, Czech Republic

**Session Chair:** Prof. SarmisthaNeogy, Jadavpur University, Kolkata

IST 18:30-18:45/CET 15:00-15:15: **Coffee Break**

IST 18:45-20:30/ CET 15:15-17:00: **TS-01 Paper IDs 88,174,196**

**Session Chair:**

Prof. Sayan Chatterjee, Jadavpur University, Kolkata

Dr. AnuradhaKar, Aivancity, Paris, France

IST 20:30-20:45/CET 17:00-17:15: **Coffee Break**

IST 20:45-21:30/ CET 17:15-18:00: Tour of ŠAVŠ

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**Day 2: 25<sup>th</sup> June 2026 (THURSDAY) ONLINE**

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| IST 10:30-12:30/<br>CET 07:00-09:00: <b>TS-02</b><br><b>9,10,17,21,25,29,41,463</b><br><b>Session Chair:</b><br>Dr. Koninika Paul, IIT Palakkad, Kerala<br>Dr. KoustavSengupta, Warsaw University of Technology, Poland                                                                      | IST 10:30-12:30/<br>CET 07:00-09:00: <b>TS-03</b><br><b>58,86,89,93,106,109,564,638</b><br><b>Session Chair:</b><br>Prof. AnirbanMukhopadhyay, University of Kalyani, West Bengal<br>Prof. Sandhya Arora MKSSS's Cummins College of Engineering for Women, Pune | IST 10:30-12:30/<br>CET 07:00-09:00: <b>TS-16</b><br><b>42, 347, 460, 535, 536, 557</b><br><b>Session Chair:</b><br>Dr. Rizwana Kallooravi Thandil, Sullamussalam Science College, Kerala, India<br>DrAnirban Bhattacharjee, SVNIT, Surat, India | IST 10:30-12:30/<br>CET 07:00-09:00: <b>TS-05</b><br><b>26,255,325,354,388,647</b><br><b>Session Chair:</b><br>Dr. Sohini Paul, RCCIIT, Kolkata<br>Prof. Subhankar Dhar, San Jose State University, USA                                 |
| IST 13:00-15:00/<br>CET 09:30-11:30: <b>TS-06</b><br><b>112,118,122,123,130,131, 132,595</b><br><b>Session Chair:</b><br>Prof. Dipak Kumar Kole, GCETTS, West Bengal<br>Dr. Apurba Sarkar, IEST Shibpur, West Bengal                                                                         | IST 13:00-15:00/<br>CET 09:30-11:30: <b>TS-07</b><br><b>138,139,143,148,162,164,576</b><br><b>Session Chair:</b><br>Dr. AsishBera, BITS Pilani, Rajasthan<br>Dr. Imon Mukherjee, IIIT Kalyani, West Bengal                                                      | IST 13:00-15:00/<br>CET 09:30-11:30: <b>TS-21</b><br><b>27,124,129,141,270,273, 684,699</b><br><b>Session Chair:</b><br>Dr. Sujoy Saha, NIT Durgapur, West Bengal,<br>Dr. Sayantari Ghosh, NIT Durgapur, India                                   | IST 13:00-1500/<br>CET 09:30-11:30: <b>TS-09</b><br><b>396,430,544,575,604,625</b><br><b>Session Chair:</b><br>Dr.Anup Kumar Halder, IIIT Kurnool, Andhra Pradesh<br>Dr. DileepGopalakrishnan, JigmeNamgyel Engineering College, Bhutan |
| IST 15:30-18:00/<br>CET 12:00-14:00: <b>TS-10</b><br><b>91,113,115,116,458,545,6 52,655</b><br><b>Session Chair:</b><br>Dr. SoumyaRanjan Mishra, School of Computer Engineering, KIIT University, India<br>Dr. Soma Chatterjee, Assistant Professor ,Narula Institute of Technology, Kolkata | IST 15:30-18:00/<br>CET 12:00-14:00: <b>TS-11</b><br><b>24,85,377,454,479,556,624,632</b><br><b>Session Chair:</b><br>Dr. SunirmalKhatua, University of Calcutta, India<br>Prof. Sarbani Roy, Jadavpur University, Kolkata, India                               | IST 15:30-18:00/<br>CET 12:00-14:00: <b>TS-12</b><br><b>97,149,199,288,293,358, 539,589</b><br><b>Session Chair:</b><br>Dr. Kaushiki Roy, IIIT Raichur, India<br>Dr. Raushan Singh, SRM University, A.P, India                                   | IST 15:30-18:00/<br>CET 12:00-14:00: <b>TS-13</b><br><b>65,210,565,566,567,683, 692</b><br><b>Session Chair:</b><br>Dr. SohailSaif, MAKAUT, West Bengal, India<br>Prof. Chandreyee Chowdhury, Jadavpur University, Kolkata              |

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**Day 3: 26<sup>th</sup> June 2026 (FRIDAY) ONLINE**

|                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                               |
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| IST 10:30-12:30/<br>CET 07:00-09:00: <b>TS-14</b><br><b>166,180,203,204,209,278, 279,450</b><br><b>Session Chair:</b><br>Prof. Dilip Kumar S M,<br>Bangalore University<br><br>DrPawan Kumar Singh,<br>Jadavpur University,<br>Kolkata                                                       | IST 10:30-12:30/<br>CET 07:00-09:00: <b>TS-15</b><br><b>33,156,169,344,696,697</b><br><b>Session Chair:</b><br>Dr. Swagata Mandal<br>Jalpaiguri Govt. Engg<br>College, West Bengal<br>Dr. ShyamaliMitra, Jadavpur<br>University, Kolkata | IST 10:30-12:30/<br>CET 07:00-09:00: <b>TS-04</b><br><b>137, 146, 477, 517, 583, 509</b><br><b>Session Chair:</b><br>Dr. Oishila Bandyopadhyay,<br>IIIT Kalyani, West<br>Bengal,India<br>Dr. Subrata Datta ,Netaji<br>Subhash Engineering<br>College, India | IST 10:30-12:30/<br>CET 07:00-09:00: <b>TS-17</b><br><b>13,135,521,549,608,613,662</b><br><b>Session Chair:</b><br>Dr. Soumen Kumar Pati,<br>MAKAUT, India<br>Dr. Pramit Ghosh, RCCIT,<br>Kolkata             |
| IST 13:00-15:00/<br>CET 09:30-11:30: <b>TS-18</b><br><b>117,286,338,348,351,365, 366,603</b><br><b>Session Chair:</b><br>Dr.<br>AyatullahFarukMollah,<br>Aliah University, Kolkata<br>Dr. Siddhartha<br>Bhattacharyya, VSB<br>Technical University of<br>Ostrava, Ostrava, Czech<br>Republic | IST 13:00-15:00/<br>CET 09:30-11:30: <b>TS-19</b><br><b>4,5,8,16,19,36,75,99,503</b><br><b>Session Chair:</b><br>Dr. Sujata Pal, IIT Ropar,<br>Punjab<br>Dr. Malay Kule, IEST<br>Shibpur, West Bengal, India                             | IST 13:00-15:00/<br>CET 09:30-11:30: <b>TS-24</b><br><b>352,508,587,634,642,694</b><br><b>Session Chair:</b><br>Prof. Abhishek Das, Aliah<br>University, Kolkata, India<br>Prof. Suparna Biswas (Saha),<br>MAKAUT, West Bengal                              | IST 13:00-15:00/<br>CET 09:30-11:30: <b>TS-08</b><br><b>259, 461, 596, 645, 690, 497</b><br><b>Session Chair:</b><br>Dr. Anasuasarkar, Jadavpur<br>University, Kolkata,<br>Dr. Sumanta Ray, NUJS,<br>Kolkata, |
| IST 15:30-16:30/CET 12:00-13:00: <b>KEYNOTE 3:</b> Title: Machine and deep learning in neural networks for emotion and pain recognition by FriedhelmSchwenker, Ulm University, Germany<br><br><b>Session Chair:</b> Dr.MitaNasipuri, Former Professor, Jadavpur University, Kolkata          |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                               |
| IST 16:30-18:30/<br>CET 13:00-15:00: <b>TS-22</b><br><b>384,415,417,427,439,496, 500,585</b><br><b>Session Chair:</b><br>Dr. Ayan Seal, IIITDM<br>Jabalpur, Madhya Pradesh<br>Dr. Arnab Kumar Maji,                                                                                          | IST 16:30-18:30/<br>CET 13:00-15:00: <b>TS-23</b><br><b>548,611,616,620,636,649,663 681</b><br><b>Session Chair:</b><br>Prof. Debashis De,<br>MAKAUT, West Bengal<br>Dr. Neelotpal Chakraborty,                                          | IST 16:30-18:30/<br>CET 13:00-15:00: <b>TS-20</b><br><b>323, 483, 629, 635, 639, 646,182</b><br><b>Session Chair:</b><br>Prof. Dhruvasish Sarkar,<br>Bhawanipur Global Campus,<br>Kolkata, India                                                            | IST 16:30-18:30/<br>CET 13:00-15:00: <b>TS-25</b><br><b>308, 337, 391, 441, 494, 591, 630</b><br><b>Session Chair:</b><br>DrVivekSethi, NIT<br>Kurukshetra, India<br>DrAvani Vyas, Dr B R                     |

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|-----------------------|-----------------|--------------------------------------------------------|----------------------------------|
| NEHU, Shillong, India | RCCIIT, Kolkata | Dr. Archana Pandita<br>Amity University, Dubai,<br>UAE | Ambedkar NIT Jalandhar.<br>India |
|-----------------------|-----------------|--------------------------------------------------------|----------------------------------|

**Main Tracks:**

**Track 1: AI, ML, and Data Science**

TS-02, TS-03, TS-06, TS-07, TS-14, TS-18, TS-22, TS-23

**Track 2: Computational Biology and Bioinformatics**

TS-17

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

TS-19, TS-21

**Track 4: Devices, Circuits, and Systems**

TS-15

**Track 5: Information Systems and Digital Economy.**

TS-25

**Special Sessions:**

| Technical Session Number | Title                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| TS-04                    | Advanced data-driven decision intelligence                                                                                    |
| TS-05                    | Agentic AI for Autonomous Systems and Complex Networks                                                                        |
| TS-05                    | AI and Machine Learning for Sustainable Development, Social Impact, and Real-World Applications                               |
| TS-25                    | AI for Green and Sustainable Networking Systems                                                                               |
| TS-10                    | AI-Driven Optimization in Resource-Constrained IoT Networks                                                                   |
| TS-11                    | Artificial Intelligence for Environmental Monitoring, Climate Change Analysis, and Sustainable Systems                        |
| TS-25                    | Artificial Intelligence-Driven and Data-Centric Digital Transformation for Sustainable Smart Infrastructure and Urban Systems |
| TS-12                    | Device-Centric Real-Time IoT Systems: From Edge Intelligence to Deployable Cyber-Physical Applications                        |
| TS-13                    | Green IoT and AI-Empowered Intelligent Applications                                                                           |
| TS-08                    | Machine learning in Healthcare: Leveraging Transformers and Large Language models                                             |
| TS-09                    | Next Generation Healthcare Analytics: The Role of Graphs, LLMs and Multimodal AI                                              |
| TS-24                    | Next-Generation Resilient IoT Architectures for Smart Healthcare Ecosystems (RISE-2026)                                       |
| TS-16                    | Self-Supervised and Foundation Models for Domain-Specific Intelligent Systems                                                 |
| TS-20                    | AI-Driven Social Intelligence: NLP, Multimodal Analytics, and Responsible Computing for Sustainable and Inclusive Societies   |



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If any paper is registered at a later stage and the special session is not available in the table above, it should be included in the program schedule under some technical session (TS).