



COMSYS-2026

June 24–26, 2026



7th International Conference on Frontiers in Computing and Systems

Organized By

Škoda Auto Vysoká škola, Prague, Czech Republic, and  
COMSYS Educational Society, Kolkata

Call for papers for Special Session: *Machine Learning in Healthcare:  
Leveraging Transformers and Large Language Models*

(Hybrid Mode Presentation)

Organizers:



**Dr. Sumanta Ray**

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Machine Learning is rapidly transforming healthcare and biomedical research through data-driven analysis of clinical and biological datasets. Transformers and Large Language Models (LLMs) enable advanced representation learning, prediction, and knowledge discovery across health records, genomics, and epigenomics data. This special session highlights cutting-edge ML approaches for disease understanding and patient-oriented analytics, aligned with COMSYS-2026.

### Topics: (not limited to)

- ML for healthcare & biomedical data (Transformers/LLMs)
- ML for genetics & epigenomics (healthy vs. disease) (Transformers/LLMs)
- ML for biological data & biomolecular mechanisms (Transformers/LLMs)
- Tools, pipelines & software for health/bio ML (Transformers/LLMs)
- Statistical/probabilistic models for health/bio data (Transformers/LLMs)
- Data mining & knowledge discovery in health/bio (Transformers/LLMs)

### Important Dates:

Submission Deadline:	April 01, 2026
Acceptance Notification:	May 10, 2026
Registration Due:	May 20, 2026
Camera-ready Submission:	June 01, 2026
Main Sessions:	June 24–26, 2026

Submission procedure: <https://comsysconf.org/2026/call-for-paper>