

**Wednesday, 3 January 2024**  
**COMSNETS'24 WORKSHOPS\***

<b>09:30 AM – 6:00 PM</b>  Cybersecurity & Privacy Workshop	<b>09:30 AM – 6:00 PM</b>  NetHealth Workshop	<b>09:30 AM – 6:00 PM</b>  Workshop on Machine Intelligence in Networked Data and Systems	<b>09:30 AM – 6:00 PM</b>  Intelligent Transportation Systems
<b>SIGMA 1</b>	<b>INDIAN AFFAIRS</b>	<b>SIGMA 3</b>	<b>Esquire (Basement)</b>

**Workshop Session #1**  
**09:30 AM – 11:30 AM**

Tea Break

**11:30 AM – 12:00 Noon**

**Workshop Session #2**  
**12:00 PM – 1:00 PM**

Lunch Break

**Pool Side**  
**1:00 PM – 2:00 PM**

**Workshop Session #3**  
**2:00 PM – 4:00 PM**

Tea Break

**4:00 PM – 4:30 PM**

**Workshop Session #4**  
**4:30 PM – 6:00 PM**

**COMSNETS 2024 WELCOME RECEPTION**

COCKTAILS and DINNER With Live Music  
**Pool Side, Chancery Pavilion Hotel**

**7:00 PM – 10:00 PM**

\*Please refer to the individual workshop schedules for exact timings of the events.

**Thursday, 4 January 2024**  
**COMSNETS'24 Day 1: Main Conference**

**CELEBRATING 16 YEARS OF COMSNETS**  
**COMSNETS 2024 Inauguration and Opening Remarks**

**9:30 AM – 10:00 AM**

General Co-Chairs; TPC Co-Chairs; Steering Committee Co-Chairs  
COMSNETS Co-Founders

**SIGMA HALL**

**Keynote Talk #1**

**Speaker: Prof. Hari Balakrishnan, MIT, USA**  
**Title: The Art and Science of Digital Maps**

**10:00 AM – 11:00 AM**

Tea Break

**11:00 AM – 11:30 AM**

**Paper Session #1 (11:30 AM – 1:00 PM)**

<b><u>Session T1-1:</u></b> Invited Talk #1  Title: Efficient and Sustainable NLP Speaker: Aruna Balasubramanian (State University of New York at Stony Brook)	<b><u>Session T2-1:</u></b> Invited Talk #2  Title: Trends and Challenges in Multi-cloud Networking and Observability Speaker: Praveen Jayachandran (IBM Research)	<b><u>Demos &amp; Exhibits</u></b>
<b>SIGMA 1</b>	<b>SIGMA 3</b>	<b>Indian Affairs</b>

Lunch Break & Poster Session

**1:00 PM – 2:00 PM**

**Pool Side**

**Paper Session #2 (2:00 PM – 3:30 PM)**

<b><u>Graduate Forum</u></b>	<b><u>Session T2-2:</u></b> Invited Talk #3  Title: Integrated Sensing and Communications Joint Design of Communications and Radar-type Sensing Speaker: Markku Junti	<b><u>Poster Session</u></b>	<b><u>Demos &amp; Exhibits</u></b>
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	(University of Oulu, Finland)		
<b>SIGMA 1</b>	<b>SIGMA 3</b>	<b>Pool Side</b>	<b>Indian Affairs</b>
<p>Tea Break &amp; Poster Session</p> <p><b>3:30 PM – 4:00 PM</b></p>			

<b>Paper Session #3 (3:30 PM – 5:00 PM)</b>		
<u>Graduate Forum</u>	<u>Session T2-3:</u> <b>Invited Talk #4</b> <b>Title: Proofs of Storage and Application</b> <b>Speaker: Sushmita Ruj (UNSW, Sydney, Australia)</b>	<u>Demos &amp; Exhibits</u>
<b>SIGMA 1</b>	<b>SIGMA 3</b>	<b>INDIAN AFFAIRS</b>
<p><b>COMSNETS Panel Discussion #1</b></p> <p><b>5:00 PM – 6:30 PM</b></p> <p><b>Venue: SIGMA Hall</b></p> <p><b><u>Topic: 6G &amp; The Cyber-Physical Evolution: New Terrains in Mobile Computing, Intelligent IoT, Blazing Automation, &amp; Dynamic Networking</u></b></p>		
<p><b>COMSNETS Association Meeting</b></p> <p><b>7:00 PM – 8:30 PM</b></p> <p>Cocktails &amp; Dinner with Live Music for Organizing Committee and Association Members Only</p> <p><b>8:30 PM – 10:00 PM</b></p>		

\*Please refer to the individual workshop schedules for exact timings of the events.

**Friday, 5 January 2024**  
**COMSNETS'24 Day 2: Main Conference**

**Keynote Talk #2**

Speaker: **Prof. Fernando Kuipers, Delft University of Technology, Netherlands**  
**Title: Towards disaster-resilient networks**

**10:00 AM – 11:00 AM**

SIGMA Hall

Tea Break

**11:00 AM – 11:30 AM**

**Paper Session #1 (11:30 AM – 1:00 PM)**

<p style="text-align: center;"><b><u>Session T1-2:</u></b>  <b>Invited Talk #5</b>  <b>Title: A Novel 5G Digital Twin Approach for Traffic Prediction and Elastic Network Slice Management</b>  <b>Speaker: Aniruddha Gokhale (Dinesh) (Vanderbilt)</b></p>	<p style="text-align: center;"><b><u>Session T2-3:</u></b>  <b>Invited Talk #6</b>  <b>Title: Quality of Experience in Video Streaming: Status Quo, Pitfalls, and Guidelines</b>  <b>Speaker: Sergey Gorinsky (IMDEA Networks Institute, Spain)</b></p>	<p style="text-align: center;"><b><u>Demos &amp; Exhibits</u></b></p>	<p style="text-align: center;"><b><u>Entrepreneur Ignite Summit</u></b></p>
<b>SIGMA 1</b>	<b>SIGMA 3</b>	<b>Indian Affairs</b>	<b>Esquire (Basement)</b>

**Lunch Break & Poster Session**

**1:00 PM – 2:00 PM**

**Pool Side**

**2:00 PM – 3:30 PM**

<b>Women in Engineering (WiE)</b>	<b>Graduate Forum</b>	<b>Poster Session</b>	<b>Demos and Exhibits</b>	<b>Entrepreneur Ignite Summit</b>
<b>SIGMA 1</b>	<b>SIGMA 3</b>	<b>Pool Side</b>	<b>Indian Affairs</b>	<b>Esquire (Basement)</b>

Tea Break & Poster Session

3:30 PM – 4:00 PM

**Paper Session #2 (4:00 PM – 5:30 PM)**

<b><u>Women in Engineering (WiE)</u></b>	<b>Session T2-4:</b> Invited Talk # 7 Title: Model-assisted Optimal Control for Ductless-Split Cooling Systems in Building Environments Speaker: Vinayak Naik (BITS Goa, India)	<b><u>Demos and Exhibits</u></b>	<b><u>Entrepreneur Ignite Summit</u></b>
<b>SIGMA 1</b>	<b>SIGMA 3</b>	<b>INDIAN AFFAIRS</b>	<b>Esquire (Basement)</b>

***COMSNETS Panel Discussion #2***

**Topic: AI in Cybersecurity: Savior, Saboteur, and the Shades Between**

**5:30 PM – 7:00 PM**

**Venue: SIGMA Hall**

***COMSNETS 2024 BANQUET***

**Banquet Talk**

**Speaker: Avneesh Agrawal, Co-Founder & CEO, Netradyne Technology**

**Title: AI – Building Trust With Data**

**7:15 PM – 8:00 PM**

***COMSNETS 2024 Award Ceremony***

***Best Papers; Best Posters; Best Demos; Best Graduate Forum***

Handing over the Baton to the COMSNETS 2025 Committee

COCKTAILS and DINNER With Live Music

**8:00 PM – 11 PM IST**

\*Please refer to the individual workshop schedules for exact timings of the events.

**Saturday, 6 January 2024**  
**COMSNETS'24 Day 3: Main Conference**

**Paper Sessions (9:30 AM – 11:30 AM)**

**Session T1-4:  
Invited Talk #8**

Title: Anomaly detection in IoT networks based on intelligent security event correlation  
  
Speaker: Igor Kotenko (SPC RAS, Russia)

**Session T2-5:  
Invited Talk #9**

Title: Control Plane Observability Through Data Plane Performance  
  
Speaker: Gomathi Ramachandran (AWS, USA)

**SIGMA 1**

**SIGMA 3**

Tea Break

**11:30 AM – 12:00 Noon**

**Keynote Talk #3**

**Speaker: Prof. Ness Shroff, Ohio State University, USA**  
**Title: AI-EDGE: Designing future XG networks and distributed intelligence**

**12:00 Noon – 1:00 PM**

Lunch Break

**1:00 PM – 2:00 PM**

**Paper Session**

**2:00 PM – 4:00 PM**

**Session T1-5:  
Invited Talk #10**

Title: Integrated sensing and communications joint design of communications and radar-type sensing  
  
Speaker: Markku Juntti (University of Oulu, Finland)

**Session T2-6:  
Invited Talk #11**

Title: Securing P4-based Programmable Networks from Adversarial Inputs)  
  
Speaker: Praveen Tammana (IIT Hyderabad, India)

**SIGMA 1**

**SIGMA 3**

Tea Break

**4:00 PM – 4:30 PM**

**COMSNETS Panel Discussion #3**

**Topic: Fueling innovation in networking at the nexus of universities, industry, government, and startups.**

**4:30 PM - 6:00 PM**

**Venue: SIGMA Hall**

**Main COMSNETS Conference Closure**

**6:00 PM - 6:30 PM**

**Sunday, 7 January 2024**  
**COMSNETS'24 WORKSHOPS\***

<b>09:30 AM – 6:00 PM</b>  Workshop on Quantum Communication and Computing	<b>09:30 AM – 6:00 PM</b>  Connected Vehicles & Autonomous Driving	<b>09:30 AM – 6:00 PM</b>  Standards Driven Research	<b>09:30 AM – 6:00 PM</b>  India Internet Governance Workshop
<b>INDIAN AFFAIRS</b>	<b>Esquire (Basement)</b>	<b>SIGMA 1</b>	<b>SIGMA 3</b>

**Workshop Session #1**  
**09:30 AM – 11:00 AM**

Tea Break

**11:00 AM – 11:30 AM**

**Workshop Session #2**  
**11:30 PM – 1:00 PM**

Lunch Break

**Pool Side**

**1:00 PM – 2:00 PM**

**Workshop Session #3**  
**2:00 PM – 4:00 PM**

Tea Break

**4:00 PM – 4:30 PM**

**Workshop Session #4**  
**4:30 PM – 6:00 PM**

**COMSNETS CONFERENCE & WORKSHOPS CLOSURE**

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