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SmartNets 2025 will be held in the beautiful city of Doha, Qatar, from April 29th to May.1st, 2025. The conference is hosted by the College of Computing and Information Technology - University of Doha for Science and Technology.

This year, the multi-thematic program of SmartNets focuses on the major future scientific issues for the following scientific topics, divided into the following main tracks:

Artificial Intelligence, Machine Learning and **Big Data Analytics**

Umit Karabiyik Purdue University, USA Robert C Atkinson University of Strathclyde, Glasgow, UK Cristian Martín University of Málaga, Spain

Industry 4.0 & The Connected Factory

Sami Benjamaa SEO & CIO, JERA Co., Inc., Japan Ndala Mulongo University of Johannesburg, South Africa Christophe Cérin LIPN, Sorbonne Paris Nord, France

Edge, Fog and Cloud Computing

Gladys Diaz L2TI, Sorbonne Paris Nord, France Amna Eleyan Manchester Metropolitain University, UK İbrahim Kök Pamukkale University, Türkiye

Smart Healthcare Systems Hamid Mcheick

Nawel Zangar

University of Gustave Eiffel, France **Signal Processing for Communications** Fiammetta Marulli Univ. degli Studi della Campania "LVanvitelli", Italy Khaled Boussetta

University of Quebec at Chicoutimi, Canada

5G for Industrial Applications

Eoghan Furey AtlanticTechnological University, Ireland Amine Laarouchi Siemens, France Elisa Rojas Universidad de Alcalá, Spain

L2TI, Sorbonne paris Nord, France

Smart Cities and Internet of Everything

Feyza Okay Yıldırım Gazi University, Türkiye Kanika Sood, California State University, Fullerton, USA

Amr Mohammad

Qatar University, Qatar

Communication technologies for Smart Grids and Energy management

Mohamed Abdallah HBKU, Qatar Kinan Ghanem University of Strathclyde, Scotland, UK Stephen Ugwuanyi University of Strathclyde, Glasgow, UK

Next Gener. Networks and Cyber-Physical

University of Maryland, USA Puya Ghazizadeh St. John's University, USA Alex Amir Modarresi California State University Northridge, USA

Nestor Michael C. Tiglao

Mueen Uddin

UDST, Qatar

Cyber Security, Trust and Privacy

Jacques Demerjian Lebanese University, Lebanon Mohsen Hosamo Visolit. Oslo. Norway Tania Wallis Glasgow University, UK Abdullatif Shikfa UDST, Qatar

Wireless Communications and Networking

Samsul Huda, Olayama University, Japan Lotfi Mhamdi University of Leeds, UK Vinod Kumar Verma, SLIET, Longowal, India

The SmartNets 2025 edition will propose a set of technical presentations made by internationally recognized researchers and experts. The target audience of SmartNets ranges from Senior researchers to Ph.D., Master and undergraduate students. Researchers and engineers from companies are welcome and may greatly benefit from the broad vision provided by this symposium.

Paper Submission: December 22, 2024 Notification: March 02, 2025 Registration: March 30, 2025