



ScienceQuest
CONNECTING MINDS, SHAPING TOMORROW

Tentative Program



Global Summit on
**Smart Systems: Big Data, IoT, Cybersecurity,
and IT in Action**

Date:
March 19-21, 2026

Venue:
Barcelona, Spain

<https://www.smarttech.thesciencequest.org/>



Day 1 (March 19, 2026)	
MainHall	
08:30-09:30	Registrations
09:30-09:35	Introduction
09:35-10:00	Opening Ceremony
Plenary session	
10:00-10:45	Title: Can ChatGPT Simulate Dementia? Building Japanese Dialogue Data for Early Detection Models Tatsuji Munaka, Tokai University, Japan
10:45-11:30	Title: International AI Safety Report: First Key Update Capabilities and Risk Implications Bernhard Schölkopf, University of London, UK
11:30-11:50	Refreshments Break@ Foyer
Keynote session	
11:50-12:25	Title: Soft reconfigurable logic gates with high-frequency electrical switching Christoph Keplinger, Harvard University, USA
12:25-12:55	Title: Early Detection and Mitigation of Cache-based Attacks in IoT-NDN Robin Ram Mohan Doss, Deakin University, Australia
12:55-13:55	Group Photo & Lunch Break
13:55-14:30	Speaker Slot Available
14:30-15:05	Speaker Slot Available
Featured Talks	

15:05-15:25	Title: Fully attentional computer vision
	Niki Parmar , <i>University of Southern California, USA</i>

15:25-15:35	Refreshments Break@ Foyer
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15:35-16:00	Title: Pretraining Frequency Predicts Compositional Generalization of CLIP on Real-World Tasks
	Yash Sharma , <i>University of Tübingen, Germany</i>

16:00-16:25	Speaker Slot Available
	Speaker Slots Available

Day 2 (March 20, 2026)	
MainHall	
08:30-09:30	Registrations
09:30-09:35	Introduction
09:35-10:00	Opening Ceremony
Plenary session	
10:00-10:45	Speaker Slot Available

10:45-11:30	Title: SPLAS: An Autonomous Lightweight and Versatile Image Classification Robustness Benchmark
	Arun Somani , <i>Iowa State University, USA</i>

11:30-11:50	Refreshments Break@ Foyer
Keynote session	
11:50-12:25	Speaker Slot Available

12:25-12:55	Title: Open-ended coordination for multi-agent systems using modular open policies
	Jan Peters , <i>University in Darmstadt, Germany</i>
12:55-13:55	Group Photo & Lunch Break
13:55-14:30	Title: Data-driven Communication and Control Design for Distributed Frequency Regulation with Black-box Inverters
	Fei Teng , <i>Imperial College London, United Kingdom</i>
14:30-15:05	Speaker Slot Available
	Featured Talks
15:05-15:25	Title: Machine Learning Prediction of Non-Coding Variant Impact in Cell-Class-Specific Human Retinal Cis-Regulatory Elements
	Timothy Cherry , <i>Harvard University, United States</i>
15:25-15:35	Refreshments Break@ Foyer
15:35-16:00	Speaker Slot Available
16:00-16:25	Speaker Slot Available
	Speaker Slots Available

Day 3 (March 21, 2026)	
MainHall	
08:30-09:30	Registrations
09:30-09:35	Introduction
09:35-10:00	Opening Ceremony
Plenary session	

10:00-10:45	Title: Three Segment Vector Pulse-width Modulation with Improved Harmonic Performance and Linear Overmodulation Gain for Low-Carrier Ratios
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Donald Grahame Holmes, *RMIT University, Australia*

10:45-11:30	Speaker Slot Available
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11:30-11:50	Refreshments Break@ Foyer
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Keynote session	
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11:50-12:25	Speaker Slot Available
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12:25-12:55	Speaker Slot Available
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12:55-13:55	Group Photo & Lunch Break
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13:55-14:30	Title:QPLEX: Realizing the Integration of Quantum Computing into Combinatorial Optimization Software
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Norha M. Villegas, *Universidad Icesi, Colombia*

14:30-15:05	Speaker Slot Available
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Featured Talks	
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15:05-15:25	Title:Early warning of complex climate risk with integrated artificial intelligence
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Nasim Rahaman, *University of Tübingen, Germany*

15:25-15:35	Refreshments Break@ Foyer
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15:35-16:00	Speaker Slot Available
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16:00-16:25	Title: High-performance fibre battery with polymer gel electrolyte
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Xiang Shi, *China University of Petroleum, China*

Speaker Slots Available	
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Sponsors/Exhibitors

