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MECO 2026 – Tutorials

SS-CPSIoT 2026

AIoT Academy 2026

Budva, Montenegro, Science Academy, 09-13 June, 2026

Programme

ROOM 4 (Summer School) [ZOOM Link](#)

Time	Session	Speakers and Topic	Topic	Institution/Country
09.06				
09.00-09.30	Openings	Within MECO opening ceremony <i>and Lech Jozwiak</i> , Establisher of the School	<i>SS-CPSIoT idea and vision</i>	University of Eindhoven, Netherlands
09.30-10.00	Opening Break			
10.00-11.00	Keynote #1	<i>Veljko Milutinović</i>	<i>Acceleration and Paradigming in Computing and Informatics</i>	University of Indiana in Bloomington, USA
11.00-13.00	Tutorial #1	<i>Natalie Simson, Johannes Ecker, Wolfgang Ecker, Endri Kaya</i>	<i>Systematic Digital Design – Boosting Design Productivity and Component Reuse through Handshakes and Interfaces</i>	Technical University Munich and Infineon Technologies, Germany
13.00-15.00	Lunch Break			
15.00-17.00	Tutorial #2	<i>Muhammad Shafique, Alberto Marchisio</i>	<i>Energy-Efficient and Secure AI: Challenges, Methods, Applications, and Systems</i>	eBRAIN Lab and iCAS Lab New York University Abu Dhabi, UAE
17.00-	Free and social			
19.00	Municipality reception			
10.06				
09.00-09.45	Keynote #2	<i>Akbar Sheikh-Akbari</i>	<i>Advancing Non-Destructive Spectral Intelligence for Aflatoxin Risk Mitigation in Pistachio Supply Chains</i>	Leeds Beckett University, United Kingdom
09.45-10.30	Keynote #3	<i>Hans Vangheluwe</i>	<i>CPSIoT – The Twinning Paradigm</i>	University of Antwerp, Belgium



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10.30-11.00	Break			
11.00-13.00	Tutorial #3	Abdelhakim Baouya, Brahim Hamid, Otmane Ait Mohamed, Saddek Bensalem	Secure and Resilient Engineering of Cyber-Physical Systems (CPS) via Stochastic Games	University of Toulouse, France University of Toulouse, France Concordia University, Canada VERIMAG, France
13.00-14.00	Lunch Break			
14.00-15.00	Tutorial #4, 1	Nabil Abdennaher	Introduction to quantum computing from a software engineering perspective	University of Applied Sciences, Western Switzerland
15.00-15.45	Keynote #4	Milan Prokin	(Near) Future of Vehicles	University of Belgrade, Serbia
16.00-17.00	Tutorial #4, 2	Nabil Abdennaher	Introduction to quantum computing from a software engineering perspective	University of Applied Sciences, Western Switzerland
17.00:-	Free			
20.30	Dinner			
11.06				
09:00-10.30	Tutorial #5 Dražen Jurišić	Fractional-Order Systems and Applications	University of Zagreb, Croatia	
10.30-11.00	Break			
11.00-13.00	Tutorial #6,1	Andrej Škraba	ESP32 Hands-on: From Edge Device Control to Cloud and AI in CPS/IoT Systems	University of Maribor, Slovenia
13.00-14.00	Ceremony and awards, MECO			
14.00-15.00	Lunch Break			
15.00-16.00	Tutorial #6,2	Andrej Škraba	ESP32 Hands-on: From Edge Device Control to Cloud and AI in CPS/IoT Systems	University of Maribor, Slovenia
16.00-17:00	Tutorial #7	Matija Stojanović	Ethical Issues in AI and AIoT	University of Montenegro, Montenegro
17.00:-	Free			
12.06				
09-10.30	Tutorial #8	Vladimir Mladenović	Cyber Security and Federated Learning for Autonomous Vehicle Networks	University of Kragujevac, Serbia
10.30-11.00	Break			



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11.00-12.00	Tutorial #9	Radovan Stojanović, Jovan Djurković	AIoT in medical wearables	University of Montenegro, MANT, MECOnet, Digit, Montenegro
13.00-14.00	Lunch Break			
14.00-15.00	Tutorial #10	Vesna Maraš, Mitar Otašević, Jovan Djurković, Dejan Zejak	AIoT in precise agriculture	University of Montenegro, MANT, MECOnet, Montenegro
15.00-16.00	Tutorial #11	Vuk Vučeraković, Jasna Zeković	PRONA mission in new technologies	PRONA Foundation
16:00	Certification and closing			
13.06				
Team work (Excursion on your own)				



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Official organizers:

Montenegrin Association for New Technologies (MANT)

PRONA Foundation

Government of Montenegro, Ministry of education, science and innovation Project AIoT Academy, <https://mant.me/aiot-academy/>

University of Montenegro, Faculty of Electrical Engineering



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