



**XXV International Information Technology
Conference
IT 2021**

P R O G R A M



IT 2021

**17th – 19th February 2021.
Žabljak, Montenegro**




Information Technology - IT 2021

Wednesday 17.02.2021.

ZOOM ROOM IT1 Click here	
09:00-11:00	SECTION 1
ZOOM ROOM IT2 Click here	
09:00-11:00	SECTION 2
ZOOM ROOM Projects results Click here <i>Moderator: Prof. Božo Krstajić PhD,, University of Montenegro, Podgorica, Montenegro</i>	
13:00-13:15	Eureka project: “Network TRaffic Anomaly DEtectio system based on NetFlow data analysis – TRADE“, Prof. Ramo Šemdelj, PhD, FIST UDG, Montenegro
13:15-13:30	Erasmus CBHE project: „Digital Entrepreneurial Nest and Industry 4.0 in Montenegro (Dig€Nesti4.0)“, Prof. Ivana Ognjenović, PhD, FIST UDG, Montenegro
13:30-13:45	Eureka project: “Device for FAult and STate detection of Rotary machineries based on acoustic signals - FASTER“, Prof. Božo Krstajić, PhD, ETF UCG, Montenegro
13:45-14:00	National research project: AI Enhanced Person-Centred Care in Neurosurgery „AI4NeuroPCC“, Prof. Ramo Šemdelj, PhD, FIST UDG, Montenegro
14:00-14:15	IPA project: „Strengthening Industry 4.0 by Semantically Enhanced Cyber Security - SI4SEC“, Prof. Ivana Ognjenović, PhD, FIST UDG, Montenegro
14:15-14:30	Advanced development of hemodialysis system with predictive fluid balance in body for kids, Bojana Tošić, Institute of modern technology Montenegro, Montenegro
14:30-14:45	Centre of excellence for digitalization of microbial food safety risk assessment and quality parameters for accurate food authenticity certification – FoodHub, Ministry of Science, Prof. Aleksandra Martinović, UDG, Montenegro
14:45-15:00	H2020 project: Building an Interoperable, Data-Driven, Innovative and Sustainable European Agri-Food Sector – DEMETER, Prof. Tomo Popović PhD, UDG, Montenegro
15:00-15:15	Interreg project "Ports small and medium alliance for sustainable development- PSAMIDES", Bojana Tošić, Institute of modern technology Montenegro, Montenegro

Thursday 18.02.2021.


ZOOM ROOM IT1 Click here	
09:00-11:00	SECTION 3
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09:00-11:00	SECTION 4
ZOOM ROOM EuroCC Click here	
	EuroCC Training Event (Day 1), High Performance Computing, High Performance Data Analytics, and Artificial Intelligence Workshop <i>Moderator: Tomo Popović. PhD, University of Donja Gorica, Podgorica, Montenegro</i>
13:00-13:15	Welcome note from NCC Montenegro (EuroCC) <i>Prof. Milica Vukotić PhD, University of Donja Gorica, Podgorica, Montenegro</i>
13:15 - 14:15	Parallel and scalable machine and deep learning with applications <i>Prof. Ing. Morris Riedel PhD, University of Iceland, Reykjavik, Iceland</i>
14:15 - 14:45	Analyzing jobs and workforce assessment by utilizing data science <i>PhD Armin Alibašić, University of Donja Gorica, Podgorica, Montenegro</i>
14:45 - 15:00	Break
15:00 - 15:45	Introduction to the Compute Unified Device Architecture (CUDA) <i>PhD Kyriakos Hadjiyiannakou, The Cyprus Institute, Nicosia, Cyprus</i>



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15:45 - 16:30	Training Deep Neural Networks on multiple GPUs <i>PhD Nikos Bakas, The Cyprus Institute, Nicosia, Cyprus</i>
16:30 - 17:00	AI and machine learning for processing biomedical images <i>MSc Stevan Čakić, MSc Stevan Šandi, MSc Luka Račić, University of Donja Gorica, MNE</i>

Friday 19.02.2021.

ZOOM ROOM IT1 Click here	
09:00-11:00	SECTION 5
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09:00-11:00	SECTION 6
ZOOM ROOM EuroCC Click here	
	EuroCC Training Event (Day 2), High Performance Computing, High Performance Data Analytics, and Artificial Intelligence Workshop <i>Moderator: Stevan Šandi, MSc, University of Donja Gorica, Podgorica, Montenegro</i>
13:00-13:15	Welcome note from NCC Montenegro (EuroCC) <i>Tomo Popović PhD, University of Donja Gorica, Podgorica, Montenegro</i>
13:15 - 14:15	Parallel computing and software refactoring and acceleration <i>Prof. Miguel Avillez PhD, Computational Astrophysics Group Department of Mathematics, University of Évora, Portugal</i>
14:15 - 14:45	AI in neurology for monitoring patients after stroke <i>Prof. Ivana Ognjanović PhD, University of Donja Gorica, Podgorica, Montenegro</i>
14:45 - 15:00	Break
15:00 - 16:00	High Performance Computing and Parallelization Strategies <i>PhD Carlos Teijeiro Barjas, SURF, Amsterdam, Netherlands</i>
16:00 - 16:30	Load balancing in parallel computing applications <i>PhD Luka Filipović, University of Montenegro, Podgorica, Montenegro</i>
16:30 - 17:00	Introduction to High-Performance Computing <i>PhD Ana Jokanović, theHOKUSplatform, Barcelona, Spain</i>

WELCOME!

For any additional information do not hesitate to contact us at email it@ac.me.

