

Faculty of Electrical Engineering and Computing,

University of Zagreb, Croatia, 5-6 March 2020

Programme

5 March 2020		
Session 1 – Opening		
09:30	Welcome from local host	Gordan Gledec , Dean of the Faculty of Electrical Engineering and Computing, University of Zagreb
09:40	Welcome address	Blaženka Divjak , Croatian Minister of Science and Education
09:50	<i>Novel satellite observations for the European Green Deal</i>	Josef Aschbacher ESA Director of Earth Observation Programmes
10:10	<i>Keynote: The European Green Deal and Space</i>	Mauro Facchini Head of Earth Observation Unit, EC DG DEFIS
10:30	<i>Workshop Scope and Objectives</i>	Stjepan Bogdan UNIZG-FER
10:45	<i>Coffee break</i>	
Session 2 – Space and Digital Economy – Co-Chairs : Prof. Zdravko Terze, Tomislav Nakić Alfirević		
11:15	<i>Integrating EO data, AI techniques and HPC for better predictions : the Planet Earth concept</i>	Andreas Veispak , Head of e-infrastructure and Science Cloud Unit EC DG CNECT
11:35	<i>The Digital Economy - the potential of space</i>	Luigi Scatteia PricewaterhouseCoopers
11:55	<i>Platform based markets and Space based information,</i>	Prof. Erik Vermeulen , University of Tilburg
12:15	<i>NewSpace for the digital economy</i>	Melanie Clift , Iceye
12:35	<i>European Processor Initiative: EU High Performance Computing Industrial Cornerstone</i>	Prof. Mario Kovač , UNIZG-FER
12:55	Discussion	

13:15	<i>Lunch break</i>	
Session 3 – Space for the Green Deal – Chair : Izidor Pelajic		
14:15	<i>Biodiversity and ecosystems from space</i>	Ivan Tomljenović , Oikon, Institute Applied Ecology
14:35	<i>From Spatial Data Infrastructures to Data Spaces</i>	Vlado Cetl , EC DG JRC
14:55	<i>Marine Plastics - some ways forward for the Mediterranean</i>	Cecilia Silvestri , ISPRA
15:15	<i>H2020 project on clean Adriatic</i>	Prof. Ivana Palunko , Univ. of Dubrovnik
15:35	Discussion	
15:55	<i>Coffee break</i>	
Session 4 – Space for jobs - Co-Chairs : Prof. Dubravko Babic, Miro Vidoš		
16:20	<i>From a garage to a global impact company</i>	Massimiliano Vitale , General manager, Planet Labs
16:40	<i>Digital Innovation Hubs, Space and the Green Deal</i>	Nedjeljko Peric and Dario Bojanjac , ICENT Innovation Centre Nikola Tesla
17:00	<i>AI4EO Lab: The data & digital transformation incubator for corporations</i>	Laura Moreno , EarthPulse founder
17:20	<i>Avenues for the EO service industry</i>	Emmanuel Pajot , European Association of Remote Sensing Companies
17:40	<i>Teaching the next generation of space professionals</i>	Ravi Kapur , Imperative Space
18:00	Discussion	
18:30	<i>End of first day</i>	
19:00	Informal cocktail	Hotel International Miramarska Cesta 24, 10000, Zagreb

6 March 2020

**Session 5 – Space enabled innovation – Co-Chairs : Prof. Stjepan Bogdan,
Tomislav Grubeša**

09:00	<u>Geospatial and land information in the Western Balkans</u>	Tomaž Petek , Director of Slovenian Surveying and Mapping Authority, chair of UN-GGIM Europe
09:20	<u>Blockchain technology for securing authenticity and validity of EO data</u>	Marika Popp , Guardtime
09:40	<i>Space Robotics and Automation</i>	Dr. Neal Y. Lii Principal Investigator, METERON Project
10:00	<u>Novel IoT Services Using Space Capabilities</u>	Prof. Ivana Podnar Zarko UNIZG-FER
10:20	<u>AI techniques for data mining</u>	Prof. Sašo Džeroski , Jozef Stefan Institute
10:50	<i>Coffee break</i>	

Session 6 – conclusions

11:20	Panel discussion – next steps for Croatia and the region	Moderated by Gordon Campbell Head of the Enterprise Section - ESA
12:40	Closing remarks	Michel Praet Head of the Office of EU Relations Brussels - ESA
12:50	Closing speech	Tome Antičić State Secretary for Science and EU funds
13:00	End of conference	