



**Monday 26 March 2018**

**REGISTRATION**

**26/3 9:15 - 10:00** **Opening Ceremony**

Welcome, Greetings and Opening Speech

**26/3 10:00-11:00** **Keynote Speakers**

UNLEASHING THE POWER OF EARTH OBSERVATIONS  
 GEO - *Barbara Ryan*  
 EARTH OBSERVATION@ESA: OPPORTUNITIES FOR CYPRUS  
 ESA - *Rosemarie Leone*

**COFFEE BREAK - POSTER PRESENTATIONS**

**26/3 11:30-13:00** **Keynote Speakers**

COPERNICUS, THE EU EARTH OBSERVATION PROGRAMME  
 COPERNICUS - *Stefano La Terra Bella*  
 NASA'S GLOBAL PERSPECTIVE: OBSERVATIONS, PROGRAMS AND FUTURE MISSIONS  
 NASA - *Vincent Ambrosia*  
 EXCELSIOR: ERATOSTHENES: EXCELLENCE RESEARCH CENTRE FOR EARTH SURVEILLANCE  
 EXCELSIOR - *Diofantos Hadjimitsis*

**LUNCH**

**26/3 14:30-16:00** **Research, Educational and Entrepreneurial Opportunities in Earth Observation: Interactive Networking and Collaboration - EXCELSIOR Workshop** **Chair: S. Michaelides** **Room: Aphrodite Hall**

	Centre of Excellence for Earth Surveillance and Space-Based Monitoring of the Environment in Cyprus: Present Status and Future Perspectives	Prof. D.G. Hadjimitsis, Dr. R.E. Mamouri, Dr. G. Kouta, Dr. K. Themistocleous
646	The Establishment of the EXcellence Research Centre for Earth Surveillance and Space-Based Monitoring of the Environment (EXCELSIOR) in Cyprus and Eastern Mediterranean: Research, Educational and Entrepreneurial Opportunities in Earth Observation	D.G. Hadjimitsis, H. Kontoes, G. Schreier, A. Ansmann, G. Komodromos, K. Themistocleous, R. Mamouri, S. Michaelides, K. Neocleous, A. Nisantzi, C. Papoutsas, M. Tzouvaras, G. Kouta, C. Mettas, A. Christofe, M. Miltiadou, E. Evagorou & V. Ambrosia
647	Remote Sensing for Cultural Heritage in Cyprus using Copernicus data: The Establishment of the EXcellence Research Centre for Earth Surveillance and Space-Based Monitoring of the Environment (EXCELSIOR)	K. Themistocleous & D.G. Hadjimitsis
	Q&A with Space Technology Experts	Invited experts
	Interactive Workshop - The Local Opportunities in Earth Observation and Remote Sensing	

**COFFEE BREAK - POSTER PRESENTATIONS**

**26/3 16:30 - 19:00** **SEO-DWARF WORKSHOP** **Chair: V. Karathanassi** **Room: Aphrodite Hall**

Time	Title	Authors
550	End-Users' Requirements for the Operational Monitoring of Coastal Turbidity Using Remote Sensing Data	<b>O. Regniers</b> , V. Lafon, C. Curti & A. Dehouck
551	A Novel Automated Methodology that Estimates the United Nations (UN) SUSTAINABLE Development Goal (SDG) 14.1.1.: Index of Coastal Eutrophication Using the Copernicus Marine Environment Monitoring Service (CMEMS)	A. Sarelli, <b>D. Sykas</b> , <b>M. Miltiadou</b> , D. Bliotzi, Y. Spastras & M. Ieronymaki
553	Assessment of Chlorophyll-A Retrieval Algorithms to Sentinel-2 Satellite Data	<b>I. Moutzouris-Sidiris</b> & <b>K. Topouzelis</b>
554	Estimation of Chlorophyll-a Concentration in the Mediterranean Sea Using Sentinel-2 and Sentinel-3 Fused Images	M. Kremazi & <b>V. Karathanassi</b>
555	A Methodology for Monitoring the Upwelling Phenomenon Using Sentinel-3 products	<b>K. Karamvavis</b> , <b>P. Kolokoussis</b> , <b>V. Karathanassi</b> , V. De Pasquale & G. Ceriola
566	Detection of Marine Fronts; a Comparison Between Different Approaches Applied on the Sea Surface Temperature Product Derived from Sentinel-3 data	<b>M. Miltiadou</b> , C. Papoutsas, V. Karathannasi, <b>P. Kolokoussis</b> , K. Karamvavis, V. Lafon, <b>D. Sykas</b> , A. Sarelli, M. Prodomou & D.G. Hadjimitsis
585	A Semantic Representation of EO data for Image Retrieval Based on Natural Language Queries	<b>M. Polignano</b> , M. de Gemmis, V. Kopsachellis, M. Vaitis, J. Malig, D. Grether, I. Ioannou, A. Sarelli, V. De Pasquale, S. Samarelli, <b>P. Kolokoussis</b> , K. Karamvavis, <b>M. Miltiadou</b> , C. Papoutsas, <b>O. Regniers</b> , V.Lafon, <b>K. Topouzelis</b> & B. Despotov

**26/3 16:30 - 19:00** **ATMOSPHERIC** **Chair: A. Ansmann** **Room: Adonis Room**

Time	Title	Authors
530	Mineral Dust Size Distributions Obtained from Balloon-Borne Optical Particle Counter, Aircraft and Remote-Sensing Measurements	<b>M. Kezoudi</b> , H. Smith, A. Tsekeri, H. Baars, B. Weinzierl & M. Tesche
534	Cyprus Clouds, Aerosol, and Rain Experiment (CyCARE): 18 Months of Aerosol and Cloud Profiling with Lidars and Cloud Radar Over Limassol – Some Highlights	P. Seifert, J. Buehl, R. Engelmann, <b>A. Ansmann</b> , H. Baars, R.-E. Mamouri, A. Nisantzi & D.G. Hadjimitsis
540	Relationship Between Precipitation Rate, Cloud Top Temperature, and Vertical Wind Characteristics Observed During CyCARE 2016-2018	J. Bühl, P. Seifert, R. Engelmann, <b>A. Ansmann</b> , H. Baars, R.-E. Mamouri, A. Nisantzi & D.G. Hadjimitsis
546	Canadian Wildfire Smoke In The Stratosphere: Lidar Observation Over Europe (Incl. Cyprus)	<b>A. Ansmann</b> , H. Baars, M. Haarig, R. Engelmann, P. Seifert, R.-E. Mamouri, A. Nisantzi & D. G. Hadjimitsis
547	Closure Studies in Mixed-Phase and Ice Clouds over Cyprus: Is there Agreement between Ice Nuclei and Ice Crystal Number Concentration?	R.-E. Mamouri, <b>A. Ansmann</b> , J. Bühl, R. Engelmann & D.G. Hadjimitsis
600	Raman-Scattering and Fluorescence Spectra of Mineral Dust Samples	<b>D. Müller</b> , B. Tatarov, A. Chard, S.-K. Shin & M. Tesche

**26/3 16:30 - 19:00** **INFORMATION EXTRACTION FROM LASER SCANNING DATA WORKSHOP** **Chair: B. Cuca & L. Barazzetti** **Room: Zeus Room**

Time	Title	Authors
650	Airborne LiDAR Technology for Bathymetry and Coastal Mapping	<b>F. Puls</b>
637	Geo-Spatial Information in Higher Education: An Overview of Main Trends and Recent Changes	<b>B. Cuca</b>
549	Integrated BIM - GIS Model Generation at the City Scale Using Geospatial Data	<b>L. Barazzetti</b>
527	Application of Remote Sensing Data for Evaluation of Rockfall Potential from a Quarry Slope	<b>A. Wetherelt</b> , <b>C. Robiati</b> , J.S. Coggan, M.L. Eyre, M. Francioni & A. Venn
652	Airborne Lidar and RGB Imagery Remote Sensing Techniques For Smart/Safe Industrial Cities Monitor and Management	<b>E. Maltezos</b> , E. Georgiou, <b>V. Charalampopoulou</b> , E. Goula, G. Diamantidis, A. Syriotis & D. Preka