

# First Excelsior Virtual International Workshop

## Space Operations and Environmental Monitoring in Cyprus

Wednesday July 15<sup>th</sup> 2020,

09:00 – 16.30: 00 CYP. TIME

08:00-15.30 CEST

Motivation: Public information on plans and prospects of EXCELSIOR related infrastructure for space operations, monitoring and environmental research and how these can be used for the projects and challenges in the Eastern Mediterranean.

Free attendance via Internet

### DRAFT AGENDA:

EXCELSIOR Intro		
09:00 – 09:05 CYP.TIME	5	<b>Welcome</b> Diofantos HADJIMITSIS (CUT)
	15	<b>Brief overview of EXCELSIOR</b> Kyriacos THEMISTOCLEOUS (CUT)
	5	<b>What the Cyprus National Council for Research and Innovation expects from EXCELSIOR? Sustainability of the ECoE</b> Andreas ANAYIOTOS (CUT)
	5	<b>Cyprus Activities in Space</b> George KOMODROMOS (Department of Electronic Communications, Deputy Ministry of Research, Innovation and Digital Policy)
To 9:45	5	<b>Intro to the topic: What would be advantages and challenges for a space related infrastructure in Cyprus?</b> Gunter SCHREIER (DLR)
EXCELSIOR Plans		
9:45 – 10:00	15	<b>A satellite ground station for maritime security</b> Egbert SCHWARZ (DLR)
	15	<b>Ground-based remote sensing supersite for atmospheric/climate research, satellite calibration, and support of local services</b> Albert ANSMANN, Johannes BÜHL, Patric SEIFERT, Ulla WANDINGER (TROPOS)
	15	<b>Leveraging Copernicus big satellite data and space technology for societal resilience. The generation of science and innovation in the context of EXCELSIOR for the ultimate benefit of the citizens</b> Haris KONTOES (NOA)

Future demands & Opportunities		
	15	<b>NASA Contribution to the Eastern Med Region and to the EXCELSIOR Project &amp; The Mediterranean Regional Information Network (MedRIN) NASA Network</b> Vincent AMBROSIA (NASA)
	15	<b>The Copernicus space segment – current and future Sentinels</b> Simon JUTZ (ESA)
<b>NEW!!</b>	15	<b>Copernicus SEA: Security in the Eastern Med area and Space assets</b> Denis BRUCKERT & Marcello MORETTI (EUSC)
<b>11:45 - 12:00</b>	15	<b>The AIR Center on Azores Island (tbc)</b> Pedro da Silva (AIR CENTRE - ATLANTIC INTERNATIONAL RESEARCH CENTRE)
<b>12:00 – 13:00</b>		<b>Noon Break</b>
<b>13:00</b>	15	<b>Optical communication from Space to Ground</b> Marcus KNOPP (DLR)
	15	<b>CYTA - a satellite station hosting facility</b> Antonis ANTONIOU & Soteris ALEXANDROU (CYTA)
	15	<b>Opportunities for new VHR Missions (tbc)</b> George Ellis (EUSI) (TO BE CONFIRMED)
	15	<b>International Ground Stations</b> Rani HELLERMANN (RBC)
	15	<b>The SoilPRO® as a new assembly to measure soil spectral information in the field over the Mediterranean region</b> Eyal BEN-DOR (TAU)
	15	<b>CIP (Critical Infrastructure Protection): the interface between safety and security</b> George BOUSTRAS (EUC)
	15	<b>Landslide Monitoring and Risk Assessment in Cyprus</b> Skevi PERDIKOU (GEOFEM)
	15	<b>CyCLOPS: A Strategic Research Infrastructure Unit for Geohazards Monitoring in Cyprus and the Southeastern Mediterranean Region</b> Chris DANEZIS (CUT)
<b>To 15:45</b>	15	<b>Remote and in situ sensing of water combining Copernicus services with biosensor and IoT technologies</b> Panayiotis Philimis (CYRIC & GRAVITY)
<b>15:45 – 16:30</b>		<b>Questions/ Remarks</b>

**CONSORTIUM**