



Sveučilište u Zagrebu



GEODETSKI FAKULTET

in cooperation with

bsf swissphoto

GEOMATIKA d.o.o.

and

Riegl, iNovitas, Vexcel, Skyline & Phoenix LiDAR Systems

Remote Sensing Info Day, Croatia 2023

Friday, June 2, 2023

09:00 – 10:10 |

Welcome, Prof. Dr.sc. Almin Đapo, Ivan Plazibat, Joerg Wertli

Geomatika company intro, Ivan Plazibat

BSF Swissphoto company intro, Joerg Wertli

Importance of geodata infrastructure for public institutions
(Why countries invest in geodata, applications in public institutions, open data policy)
Dr. Roland Stengele, BSF Swissphoto

10:15 – 10:45 | Coffee break

10:45 – 12:00 |

Airborne Laser Scanning - Products, Applications, Benefits
Peter Rieger, Riegl

Technologies & Sensors
(Photogrammetry, laser scanning, 3D mesh, mobile mapping -> UAV -> aircraft -> satellite)
Stephan Landtwing, iNovitas

12:00 – 13:00 | Lunch break

13:00 – 14:30 |

Empowering professional aerial data production with 4th generation of UltraCams and UltraMap software
Engelbert Breg, Vexcel

From intelligent 3d-mesh models to digital twins
Günther Gleixner, Skyline

Case studies (Presentation of three projects)
Emese Landtwing, BSF Swissphoto

14:30 – 15:00 | Coffee break

15:00 – 16:15 |

The multi-vehicle 3D laser mapping solutions by Phoenix LiDAR Systems
Victor Paciura, Phoenix LiDAR Systems

Multi-sensor aerial survey of the Republic of Croatia for the purposes of disaster risk reduction assessment
Dr.sc. Luka Babić, University of Zagreb

Wrap up - Ivan Plazibat, Joerg Wertli

16:15 | Coffee & farewell

$\varphi = 45^{\circ}48'31,1''$
 $\lambda = 15^{\circ}57'49,9''$
H = 116 m

