



**BALTIC  
GEOSPATIAL  
INFORMATION TECHNOLOGY  
CONFERENCE**

**1-3 June 2022**

**TALLINN, ESTONIA**

# SCHEDULE

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## DAY 2

SESSION 1 Thursday 2 June

- 10.00 - 10.30 USING A DRONE WITH ON-BOARD AI AND GSM-CONNECTIVITY FOR FOREST FIRE MAPPING  
Mattias Luha (Krattworks) - ESTONIA
- 10.30 - 11.00 IMPROVING FOREST FIRE HAZARD MONITORING ACCURACY  
Tõnu Oja (University of Tartu) - ESTONIA
- 11.00 - 11.30 FINDING PATHS AND CALCULATING ETA FOR EMERGENCY SERVICES  
Kaido Irdt (Ministry of the Interior) - ESTONIA
- 11.30 - 12.00 BUILDING NAVIGATION AND ROUTING SOLUTION FOR EMERGENCY VEHICLES  
Dāvis Valters Immurs (Jana Seta) - LATVIA

### 12.00 - 13.00 LUNCH

- 13.00 - 13.30 DIGITALIZATION OF POWER LINES USING DRONES  
Eduard Vainu (Hepta Airborne) - ESTONIA
- 13.30 - 14.00 ONEATLAS – A NEW PARADIGM FOR ACCESSING SATELLITE IMAGERY  
Joe Cotti (Airbus) - ITALY
- 14.00 - 14.30 WHAT YOU DIDN'T KNOW ABOUT UBER H3 – STATE-OF-PLAY IN OPEN SOURCE DISCRETE GLOBAL GRID SYSTEMS  
Alexander Kmoch (University of Tartu) - ESTONIA

### 14.30 - 15.00 COFFEE BREAK

- 15.00 - 15.30 GLOBAL COMMITMENT, LOCAL ACTION: HOW SATELLITE IMAGERY DATA HELP AZERBAIJAN TO COMBAT CLIMATE CHANGE  
Dilara Baylarova (Azercosmos) - AZERBAIJAN
- 15.30 - 16.00 AERONAUTICAL CHARTING  
Inger Paroll (Estonian Air Navigation Services) - ESTONIA
- 16.00 - 16.30 TECHNOLOGICAL TRENDS IN TEACHING CARTOGRAPHY AND GIS FOR TODAY'S NEEDS  
Andrius Balciunas - LITHUANIA (Vilnius University, Lithuanian Cartographic Society)
- 16.30 - 17.00 NAVIGATING THE UNSTRUCTURED  
Janek Press (Milrem) - ESTONIA

## DAY 2

SESSION 2 Thursday 2 June

- 10.00 - 10.30 A CITY DIGITALIZED IN A MONTH – CASE STUDY OF OSLO CITY PROJECT  
Mihkel Lehtmets, Kalev Julge (Eyevi Technologies) - ESTONIA
- 10.30 - 11.00 ROADSIDE DATA TO BETTER PRACTICES – GIT IN ROAD CONSULTANCY  
Tanel Jairus (AS Teede Tehnokeskus) - ESTONIA
- 11.00 - 11.30 MAPILLARY: UPDATES ON STREET-LEVEL IMAGERY FOR OPEN MAPPING  
Edoardo Neerhut (Meta) - USA
- 11.30 - 12.00 MAPPING THE STREETS: FROM DATA COLLECTION TO DATA-DRIVEN SOLUTIONS FOR THE CITY  
Rimantas Peciuslis (Vilniaus Planas) - LITHUANIA  
Donatas Gudelis (Vilniaus Planas) - LITHUANIA

### 12.00 - 13.00 LUNCH

- 13.00 - 13.30 MAP ENABLING SMART SOLUTIONS FOR AN AUTONOMOUS ON-DEMAND TRANSPORTATION PROJECT - ESTONIA  
Edgar Sepp (Autonomous Driving Lab of University of Tartu)
- 13.30 - 14.00 ENABLING INFORMED DECISIONS WITH EARTH OBSERVATION PRODUCTS FROM EUROPEAN SPACE IMAGING  
Arnaud Durand (European Space Imaging) - GERMANY
- 14.00 - 14.30 THE CARBON-FREE FUTURE OF WORLD FREIGHT TRANSPORT  
Jaak Laineste (Sixfold) - ESTONIA

### 14.30 - 15.00 COFFEE BREAK

- 15.00 - 15.30 TRAFFIC ANALYSIS USING TOMTOM MOVE AND MOBILE MAPPING  
Mile Milkovski (Tom Tom) - NORTH MACEDONIA  
Urszula Dabrowska (Tom Tom) - POLAND
- 15.30 - 16.00 SMART SOLUTIONS FOR AGRICULTURE & FORESTRY SOIL MOISTURE MEASUREMENT  
Rhodri Phillips (Planet) - GERMANY
- 16.00 - 16.30 THE DUTCH 5D APPROACH ON HOW TO BECOME A DATA DRIVEN RAILWAY COMPANY, GEOSPATIAL DATA IS KEY!  
Robert Voûte (CGI Netherlands) - NETHERLANDS
- 16.30 - 17.00 DIGITIZING RAILWAYS: A LONG TIME COLLABORATION BETWEEN PRORAIL AND CGI'S GIS TEAM  
Rob Udink (CGI Netherlands) - NETHERLANDS

# DAY 1

## SESSION 1 Wednesday 1 June

10.00 - 12.00 **WORKSHOP – GEOSPATIAL DATA FOR ROUTE CHOICE ASSISTANCE AND AN ROUTE ENVIRONMENTAL EXPOSURE ANALYTICS**  
Age Poom (University Of Tartu) - *ESTONIA*

## SESSION 2 Wednesday 1 June

10.00 - 12.00 **WORKSHOP – CONNECTING SATELLITE DATA AND INSIGHTS TO HELP EMPOWER USERS**  
Lison Leonetti (Airbus)  
Joe Cotti (Airbus) - *ITALY*

# DAY 2

Thursday 2 June

09.20 - 09.25 **OPENING SPEECH**

09.25 - 09.55 **KEYNOTE SPEECH – A NEW GEOSPATIAL ECOSYSTEM – BEYOND THE SPATIAL DATA INFRASTRUCTURE (SDI) CONCEPT**  
Alexander Kmoch (University of Tartu) - *ESTONIA*  
Bruce McCormack (Eurogi) - *IRELAND*

18.00 - 23.00 **SOCIAL EVENT**  
Dinner, live band, Estonian craft alcoholic beverages

The event will take place in The Estonian Academy of Security Sciences



# DAY 3

SESSION 1 Friday 3 June

10.00 - 10.30 **BIM & 3D DIGITAL TWINS COMBINED**  
Rick Klooster (Future Insight) - *NETHERLANDS*

10.30 - 11.00 **ESTONIAN 3D DIGITAL TWIN – BRIDGING THE GAP BETWEEN GIS AND BIM**  
Jaan Saar (Ministry of Economic Affairs and Communication)  
*ESTONIA*

11.00 - 11.30 **A YEAR OF INNOVATION: 3D DATA AVAILABLE FROM ESTONIAN LAND BOARD**  
Hanno Kuus (Estonian Land Board) - *ESTONIA*

11.00 - 11.30 **GIS AND BIM IN PLANNING AND CONSTRUCTION, SAMPLES PRESENTED WITH SOVA 3D CITY MODEL PROJECTS**  
Petteri Kokko (Sova 3d) - *FINLAND*

12.00 - 13.00 **LUNCH**

13.00 - 13.30 **INNOVATING URBAN TRANSFORMATION THROUGH AUGMENTED REALITY, BIM AND DIGITAL TWINS**  
Robert Ylitalo (CGI Sweden) - *SWEDEN*

13.30 - 14.00 **THE INFORMATION SYSTEM FOR THE BUILT ENVIRONMENT AND DATA INTEROPERABILITY IN FINLAND**  
Juhana Rautiainen (Finnish Ministry of the Environment)  
*FINLAND*

13.30 - 14.00 **VILNIUS CITY “SECOND FLOOR”**  
Simas Sodys (Vilniaus planas) - *LITHUANIA*

14.30 - 15.00 **COFFEE BREAK**

15.00 - 15.30 **FUTURE OPPORTUNITIES WITH OPEN CITY DEVELOPMENT**  
Edmundas Jankauskas (Citify) - *LITHUANIA*

15.30 - 16.00 **DATABASE OF NETWORK FACILITIES IN THE NATIONAL REGISTER OF BUILDINGS**  
Meelis Raidmaa - *ESTONIA*  
(Ministry of Economic Affairs and Communications)

16.00 - 16.30 **MAPTIONNAIRE: THE DIGITAL HEART FOR BUILDING CITIES TOGETHER**  
Timo Ruppel (Maptionnaire) - *FINLAND*

# DAY 3

SESSION 2 Friday 3 June

10.00 - 10.30 **MOBILE PHONE LOCATION DATA AS STRATEGIC DATASOURCE FOR STATISTICS IN BALTICS AND BEYOND**  
Margus Tiru (Positium) - *ESTONIA*

10.30 - 11.00 **BREAKING THE BOUNDARIES – ULTRA WIDEBAND AND GNSS POSITIONING FOR INDUSTRIAL APPLICATIONS**  
Sander Ulp (Eliko Tehnoloogia Arenduskeskus OÜ)  
*ESTONIA*

11.00 - 11.30 **YOU DON'T NEED A MAP**  
Ilja Zverev (Wheely) - *ESTONIA*

11.00 - 11.30 **THE STS OF POSTGIS**  
Tõnis Kärdi (Lonlat OÜ/UEC OÜ) - *ESTONIA*

12.00 - 13.00 **LUNCH**

13.00 - 13.30 **FORESTRADAR ALERT SERVICE TO SECURE YOUR FOREST PROPERTY**  
Andrejs Grisanovs (Baltic Satellite Service) - *LATVIA*  
Ilze Barga (Baltic Satellite Service) - *LATVIA*

13.30 - 14.00 **KAPPAONE – CATCH THE VALUE OF SENTINEL-1 ANALYSIS-READY DATA (ARD)**  
Kaupo Voormansik (Kappazeta OÜ) - *ESTONIA*

13.30 - 14.00 **INSAR – LAYERS OF MOVEMENT**  
Anti Gruno (Datel AS) - *ESTONIA*

14.30 - 15.00 **COFFEE BREAK**

15.00 - 15.30 **ESTHUB – THE FUTURE OF GIS POWERED EARTH OBSERVATION**  
Martin Menert (Estonian Land Board) - *ESTONIA*

15.30 - 16.00 **OPEN GEOSPATIAL DATA FOR SOLAR ENERGY PROJECTS**  
Natalya Volgusheva (Rexplorer OÜ) - *ESTONIA*

16.00 - 16.30 **GIS PLATFORM THAT WORKS IN OUR FAVOR, NOT AGAINST US (INSPIRE IN ESTONIA)**  
Mart Randmäe, Kaire Veeperv (Estonian Land Board)  
*ESTONIA*