**Virtual General Assembly**

**1-3 Febr. 2022**

e-shape accelerates EO solutions

| Day 1: February 1, 2022 | | |
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| **10:30-11:00** | "A complete meteo-hydrological chain to support early warning systems from weather scenarios to flooded areas: the Apollo medicane use case (PILOT S6P2)" | **Speaker:** Antonio Parodi, CIMA Research Foundation |
| **10:30-11:00** | "PV self-consumption (sizing individual systems, In Sun We Trust)" | **Speaker:** **Introduction: Lionel Menard,** MINES ParisTech **Presentation:** Prof. Philippe Blanc, Directeur de recherche MINES ParisTech (HDR, Dr) |
| **10:30-11:00** | "Geohazards in urban areas. From satellite InSAR data to assessing products: Case studies on Spain, Italy and Poland" (PILOT S6P3) | **Speaker:** **Pablo Ezquerro Martín,** Geohazards InSAR Laboratory and Modelling Group, Geohazards and Climate Change Department, Geological Survey of Spain (IGME) |
| **11.00 - 11.30** | "An EO-based hydrological service to provide historical water availability and quality information over the globe" | **Speaker:** **Dr Ilias Pechlivanidis,** Senior Researcher, Swedish Meteorological & Hydrological Institute (SMHI) |
| **11:00-11:30** | "eoWIKI-eoMALL enhancing EO services sustainability" | **Speaker:** **Francesca Piatto,** Project Officer, EARSC |
| **11:30-12:00** | "Crop yield forecasting for major crops in Ukraine" | **Speaker:** **Sofia Drozd,** Bachelor student, Physical and Technical Institute of NTTU "KPI", Department of Information Security, Group FB-91 |

| Day 2: February 2, 2022 | | |
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| 11:15-11:45 | **"User-centric approach for the monitoring of hazardous volcanic plumes to aviation" (PILOT S6P1)** | **Speaker:** **Lucia Mona,** Senior Researcher,National Research Council of Italy – Institute of Methodologies for Environmental Analysis <br><br> **Guest Speaker:** **Nikos Papagiannopoulos,** Researcher, CNR-IMAA Atmospheric Observatory (CIAO) |
| 11:15-11:45 | **"PV nowcasting and short-term forecasting for energy trading with portfolio of PV rooftop systems"** | **Speaker:** **Rodrigo Amaro e Silva,** MINES ParisTech |
| 11:15-12:45 | **"Services of co-designed showcase interactions: EBV Portal"** <br><br> **"Services of co-designed showcase interactions: VLaB"** <br><br> **"Services of co-designed showcase interactions: DEIMS-SDR"** <br><br> **"Services of co-designed showcase interactions: EcoSense"** | **Speaker: Christian Langer (iDiv)** **Guest Speaker:  Dr. Ulf Mallast (UFZ)** <br><br> **Speaker:  Chiara Richiardi (CNR)** <br><br> **Speaker: Christoph Wohner (EAA)** **Guest Speaker: Dr. Johannes Peterseil (EAA)** <br><br> **Speaker: Vladan Minic (BSI)** **Guest Speaker: Dr. Ulf Mallast (UFZ)** |
| 11:15-11:45 | **"SC5/Pilot 5.5 – Monitoring fishing activity - A web-based tool in support of fisheries management"** | **Speaker:** **Pedro Ribeiro,** Deimos <br><br> **Guest Speaker:** **Miguel Chapela,** Deimos |

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| **11:15-11:45** | **"An ensemble-based approach to map water bodies globally using Sentinel-1 data: The Global Flood Monitoring system of the Copernicus Emergency Management Service"** | **Speaker:** **Patrick Matgen,** PhD, Head of Group, Remote sensing an natural resources modelling, Luxembourg Institute of Science and Technology (LIST) |
| **11:15-11:45** | **"Co-designing for offshore wind energy"** | **Speaker:** **Dr. Merete Badger,** Senior scientist, Technical University of Denmark |
| **11:45-12:15 12:15-12:45** | **"The Rheticus Aquaculture service"** | **Speaker:** **Antonello Aiello,** PhD, Planetek Italia  **Guest Speaker:** **Angelo Amodio,** Planetek Italia |
| **11:45-12:15** | **"Towards globally estimating health risk from air pollution in cities"** | **Speakers:**  **Marion Houdayer,** MSc. Global Change Ecology, German Aerospace Center  **Lorenza Gilardi,** MSc Environmental Engineering, German Aerospace Center |
| **12:15-12:45** | **"WindSight"** | **Speaker:** **Dr. Torsten Bondo,** Senior Programme Advisor, DHI |
| **12:15-12:45** | **"Energy Modeling Application - FlexiGIS"** | **Speakers:** **M.Sc. Susanne Weyand** **M.Sc. Jethro Betcke,** German Aerospace Center, DLR |
| **12:15 - 12:45** | **"Solar energy forecasting developments on e-Shape"** | **Speaker:** **Dr. Stelios Kazadzis,** PMODWC |
| **12:15 - 12:45** | **"DynaCrop"** | **Speaker**: **Jan Labohý,** CEO, World from Space |
| **12:15 - 12:45** | **"Crop yield forecasting for major crops in Ukraine"** | **Speaker:** **Sofia Drozd,** Bachelor student, Physical and Technical Institute of NTTU "KPI", Department of Information Security, Group FB-91 |