

DRAFT AGENDA
From Early Warning to Action
Joint Network Event

Hosting Organisations: **DAREnet** – Danube River Region Resilience Exchange network
MEDEA – Mediterranean and Black Sea Security Practitioner Network

These projects are funded by the European Union's
Horizon 2020 – Research and Innovation Framework
Programme

In Cooperation with: **IFAFRI** – International Forum to Advance First Responder Innovation

Lead organisations: **German Federal Agency for Technical Relief**
German Aerospace Center
ARTTIC Innovation GmbH

Date: **30 November – 2 December 2022**

Venue: **ACHAT Hotel SchreiberHof Aschheim**
Erdinger Str. 2
D - 85609 Aschheim

Registration for virtual participation until November 29
https://docs.google.com/forms/d/e/1FAIpQLScNye8NGiVbWf9EP5_t54k9hPXz_tiNMIldEViDAtsF5_9BIQ/viewform?fbzx=7742716200185314601&pli=1



Danube
River Region
Resilience
Exchange
network





International Forum to Advance
FIRST RESPONDER INNOVATION






Wednesday
30. 11.22




Speaker



Moderator

| | | | |
|--|--|---|------------------------------------|
| 12:00 | Registration + Welcome | | Luisa Knoche, Dr. Alexander Rösner |
| 12:30 | Lunch | | |
| 13:40  | Introduction Overview: DAREnet MEDEA, IFAFRI | Nico Hybbeneth , MEDEA (THW) Regine Gerhards DAREnet (THW), George Kokkinis , MEDEA (KEMEA), Dr. Alexander Rösner IFAFRI (THW) | |
| 14:30  | IFAFRI Technology Presentations | <ul style="list-style-type: none"> - Sysnav - Indoor geolocation for Firefighters and First Responders - Nelen & Schuurmans – Flood forecasting and early warning - e.Ray Europa GmbH – Satellite based water management - Previsico: Predicting and preventing flood impacts, water depth sensor - Kisters AG – Extreme event warnings and management - SEBA Hydrometrie GmbH & Co. KG - An Innovative Image-based Method as a Complementary Technology for Flood Monitoring and Warning - NIVUS GMBH: Heavy rainfall and flood information service – Using a ground true sensor network and AI - TH Köln (University of Applied Sciences) Institute of Rescue Engineering and Civil Protection - Breeze Technologies – Wildfire Early Warning sensors - INOV – Ciclope: Early wildfire detection, firefighting monitoring and management system | |
| 17:00 | Technology Speed dating | | |
| 19:00 | Dinner | | |

**Thursday
01.12.22**

| | | Speaker | Topic | Speaker (parallel) | Topic (parallel) | Moderator |
|--|---------------------------|--|---|---------------------------|-------------------------|---|
| 09:00  | Welcome and Wrap up Day 1 | Regine Gerhards , DAREnet (THW), Luisa Knoche , IFAFRI (THW) | | | | Regine Gerhards , THW, Ronald Nippold , DLR |
| 09:15  | Keynote Speeches, Q&A |  Dr. Peter Salamon , European Commission, Directorate-General Joint Research Centre  Dr. Monika Gähler , Head of Center for Satellite Based Crisis Information, German Aerospace Center | <p>Monitoring, mapping and situation report in Early Warning Systems (EWS): Perspectives from The Copernicus Emergency Management Service (CEMS)</p> <p>DLR Center for Satellite based Crisis Information (DLR-ZKI) - application examples and research results</p> | | | |
| 10:25 | Coffee break | | | | | |
| 10:50  | Keynote Speech, Q&A | Daniel Cotter , Executive Director of the Office of Science and Engineering at the Department of Homeland Security's Science and Technology Directorate, USA | The Peril of Flood: Retrospective and Future Trends | | | |

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| 11:30 | Workshops | Alessia Golfetti, Andrea Capaccioli , Deep Blue | Guidelines for effective social media messages in crisis and disaster management | Dr Andrew Pledger , Previsico | Technology based prediction and prevention of flooding |
| 12:40 | Lunch | | | | |
| 13:40  | Keynote Speeches, Q&A | <p>Marcel Zvolensky, Slovak Hydrometeorological Institute</p> <p> Dr. László Balatonyi, EU Strategy for the Danube Region, Environmental Risks Priority Area</p> <p>Dr. Natalie Stahl-van-Rooijen, Bavarian Flood Warning Service, Bavarian State Office for the Environment</p> | Early Warning in the Danube Region: Regional perspectives on flood warning | | |
| 15:15 | Coffee Break | | | | |
| 15:45 | Workshops | Christopher Munschauer , TH Köln, University of Applied Sciences Cologne | Raising awareness - Implementing sustainable crisis communication | Joeri Verheijden, Jeroen de Koning , Nelen & Schuurmans | The FloodSmart System |
| 16:55  | Project Presentations and | Christian Derler , Head of Research Group Cyber Security and Defence | KIRAS Project B.PREPARED: Emergency planning and decision support system for | | |

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| | <p>Closing Day 2</p> | <p>JOANNEUM RESEARCH Forschungsgesellschaft mbH</p> <p> Maike Overmeyer, Research Associate, Fraunhofer Institute for Technological Trend Analysis INT</p> <p> Dr. Richard Parker, Senior Scientist, New Zealand Forest Research Institute (Scion)</p> | <p>managing accidents involving hazardous substances</p> <p>FIRElogue</p> <p>Wildfire detection & suppression research for firefighters</p> | | | |
| 18:00 | Dinner | | | | | |
| 19:30 | Visit of Disaster Management Center Haar | | | | | |

Friday

02.12.22

| | | Speaker | Topic | Moderator |
|--|-----------------------------------|--|--|----------------------------|
| 09:00  | Welcome und Wrap up Day 2 | Nico Hybbeneth, MEDEA (THW) | | Nico Hybbeneth, THW |
| 09:15  | Key speech and Roundtable session | Keynote speaker: Albrecht Broemme , Chairman of the Board, Forum Public Safety & Security, Honorary President THW Roundtable: <ul style="list-style-type: none">- Michelle Royal, Vice President of FirstLink Research and Analytics- Genny Dimitrakopoulou, Research Associate KEMEA Center for Security Studies- Philippe Quevauviller, Research Programming and Policy Officer at European Commission (DG HOME)- Daniel Cotter, Executive Director of the Office of Science and Engineering at the Department of Homeland Security's Science and Technology Directorate- Albrecht Broemme, Chairman of the Board, Forum Public Safety & Security, Honorary President THW Chair: Georgios Kolliarakis , Advisor Technology, Security, Defence, German Council on Foreign Relations | Learning from the Future: How can Foresight improve Policy Planning and Operational Readiness? | |
| 11:00  | Wrap up Day 1-3, Closing | THW | | |
| 12:00 | Lunch | | | |



Online participation possible



Speaker is connected online to the event