

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**
Erddinger Str. 2
D - 85609 Aschheim

Registration for
virtual participation
until November 29 https://docs.google.com/forms/d/e/1FAIpQLScNye8NGiVbWf9EP5_t54k9hPXz_tiNMldEViDAtsF5_9BlQ/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	Regine Gerhards DAREnet (THW), George Kokkinis , MEDEA (KEMEA), Klaus-Dieter Büttgen IFAFRI (THW)	
14:30 	IFAFRI Technology Presentations	- 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**

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	Monitoring, mapping and situation report in Early Warning Systems (EWS): Perspectives from The Copernicus Emergency Management Service (CEMS) DLR Center for Satellite based Crisis Information (DLR-ZKI) - application examples and research results			
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			

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	Marcel Zvolensky , Slovak Hydrometeorological Institute  Dr. László Balatonyi , EU Strategy for the Danube Region, Environmental Risks Priority Area Dr. Natalie Stahl-van-Rooijen , Bavarian Flood Warning Service, Bavarian State Office for the Environment	Hydrological Forecasting and Warning in Slovakia - Cooperation and Communication Early Warning in the Danube Region: Regional perspectives on flood warning Flood Forecast in Bavaria		
15:15	Coffee Break				
15:45	Workshops	Christopher Munschauer, Felix Baumann , 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 Closing Day 2	Christian Derler, Head of Research Group Cyber Security and Defence JOANNEUM RESEARCH Forschungsgesellschaft mbH  Maike Overmeyer, Research Associate, Fraunhofer Institute for Technological Trend Analysis INT  Dr. Richard Parker, Senior Scientist, New Zealand Forest Research Institute (Scion)	KIRAS Project B.PREPARED: Emergency planning and decision support system for managing accidents involving hazardous substances FIRElogue Wildfire detection & suppression research for firefighters			
18:00	Dinner					
19:00	Transfer to and visit of Disaster Management Center Haar					

Friday

02.12.22

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: - 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