

Sector Group

Aeronautics, Space and Dual Use



Business Support on Your Doorstep

Copernicus meets Galileo
Earth Observation - Navigation – GeoIT
8 + 9 May 2019 - Bochum

- Call for Papers –

Organizers



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1. Conference Description

The digitalisation of our world is currently on everyone's lips and keeping companies, politicians and all of us on our toes. Earth observation and navigation with the European systems "Copernicus" and "Galileo" have long been pioneers of digitalisation and can today be considered as models for many sectors and technologies.

Earth observation/Copernicus, navigation/Galileo and geoinformation technology: Three fields of technology which are to be seen as complementary and are used in many applications in integrated systems. In the area of autonomous vehicles and transportation (land, air, water, rail) and in the broad spectrum of monitoring tasks related to ground movement and ground changes, amongst many others, EO data and high-precision positioning data are used to complement each other. Geodata as well as geoinformation technology systems and solutions are needed for the storage, analysis and provision of data for user applications.

Date

Conference: 8-9 May 2019, 14.00 – 15.00

Space Night: 8 May 2019, 19.00

Venue

TH Georg Agricola University of Applied Sciences

Herner Straße 45

D-44787 Bochum

Ruhr Metropolis / North Rhine-Westphalia, Germany

2. Call for Papers

The conference will function both as a marketplace and a platform for knowledge transfer between technology experts, service providers and manufacturers as well as users in the application sectors. In this way, it will boost the development and commercialisation of new products, innovative services and intelligent solutions.

Specialist presentations, thematic sessions, a business matching platform (b2match) and a Cooperation Lounge (display of profiles) form the framework for an interesting event that offers extensive scope for delegates.

Cross-sector innovation, interdisciplinarity, lateral thinking, design thinking

We cordially invite you to join with international experts in a trans-sector and trans-technology dialogue that will feature innovative methods, processes and ways of working. Take the opportunity to outline challenges for innovative products and develop pioneering ideas that convince the user.

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Thematic areas

- Data access points and cloud computing - Hubs, DIAS, CODE-DE, Sentinel Hub, Amazon AWS, ...
- Autonomous vehicles, aviation, transport (land, water, air, rail) - mobile robotics – miniaturisation – swarm intelligence -
- Monitoring – Ground movement and ground changes
- Sector-specific service architectures – Competence centres
- Application sectors: Energy industry/renewable energies, mining/post-mining, agriculture/forestry, smart cities/urban monitoring, maritime and inland navigation, water management, environmental and nature conservation, climate protection, transport and mobility
- Challenges from the point of view of (potential) users – what are the barriers, drivers and requirements, where are applications already successfully in use, where is the journey going, future developments?

Specialist presentations – Thematic sessions

The conference format provides for two opportunities for delegates to make an active contribution: A block of specialist presentations and 4-5 thematic sessions.

Specialist presentation - Duration: 20 minutes

Thematic sessions – Pitch – Duration: 5-7 minutes, followed by active participation in the discussion/exchange in the thematic session and summary of the results.

Please state your preferred option when submitting your proposal for a paper. For organisational reasons, we reserve the right to allocate your proposal to another format. We will advise you in advance and obtain your consent.

With this Call for Papers, we cordially invite you to submit a proposal (in English and electronic form (Word)), which should include a title and an abstract (1/2 an A4 page).

Please send your proposal to lo@zenit.de / sr@zenit.de.

The closing date is **15 January 2019**.

The conference language is English. Presentations are therefore to be prepared in English.

Abstract contents (mandatory)

- Presentation title
- Author's name
- Presenter's name
- Organisation/company
- Postal address
- Telephone number, email address

We will announce the results of the selection procedure by mid-February 2019.

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3. Conference programme

Copernicus meets Galileo - Earth Observation - Navigation - GeoIT Conference - Thematic Sessions - Matchmaking	
8.5.2019 Wednesday	14.00 Keynotes
	15.00 Specialist presentations
	17.00 Panel discussion
	19.00 Space Night
9.5.2019 Thursday	9.00 Matchmaking
	11.00 Thematic sessions
	13.30
	15.00 Close

Expected number of participants

150 – 200

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