Call for Participation

Request for contributions
(with the request for disclosure and forwarding)

We are looking for your innovative digitization ideas!

Take a look at our Innovation Conference Cyber and Information Technology on November 11th, 2020 at the Bundeswehr University Munich and win a prize of up to 15,000 € for your idea.

With our annual Innovation Conference, we are breaking new ground to identify and introduce IT innovations in the field of interest of the German Federal Ministry of Defence. We are particularly interested in novel and innovative IT Solutions for the use in the German Armed Forces. Individuals or teams from universities, non-university research institutes, start-ups, companies or associations with an innovative business idea are encouraged to participate.

The Innovation Conference will be held as a competition of ideas. The best ideas have the chance to be presented to a professional public. The aim of the Innovation Conference is to support the development of innovative ideas, demonstrators or prototypes with a money prize. But even with commercially available digital products and services, which can open up a new field of application for the Bundeswehr, you can participate and be awarded. In particular, new innovative ideas, concepts or models from the following areas are expected:

**Cyber-Security/IT-Security**

Possible innovative contributions from the field of cybersecurity or information security should ideally relate to cyberspace, for example:

- Proactive Cyber Security Solutions
- Moving Target Defence
- Vulnerability Analysis
- Intrusion Detection
- Anomaly Detection
- Secure (Software) Architectures
- "Mobile and Wireless Security"
- Use of AI approaches in Cyber Security

**Communication**

Including (military) usable innovative ideas for information and signal transmission, e.g.:

- New methods and approaches in Communication Monitoring and Signal Analysis for the Armed Forces
- Software Defined Radio (SDR)
- Secure Tactical Data Links
- New Secure Key Transfer Procedures
- Quantum Communication
- Secure Mobile Ad Hoc Networks
Evolution and Consequences of the Internet of Things (IoT)  
Use of Software Defined Networks (SDN)

Geospatial Support

Including contributions to the collection, quality assurance and use of geoinformation, such as the acquisition of open geoinformation from the internet. Relevant key words - with reference to geoinformation - are:

- Disseminating and managing large volumes of Geospatial Information (Cloud, Pre-processed)
- Mixed Reality (from virtual to augmented reality)
- Artificial Intelligence
- Security Gateways for Spatial Data Services

Information processing/information management

Including contributions to the optimization of information-processing management, control and support systems, such as:

- Open Source Intelligence
- Cyber Threat Intelligence, Situational Awareness and Security Metrics
- Procedures in Support of Cyber Defence
- Predictable Impact of Cyber Attacks on Leadership Systems
- Resilient Management Systems
- Big Data Analytics at Tactical Level, but also Secure Data Exchange in joint & combined Operations

Practical, application-oriented, well-founded, bold and above all innovative contributions from relevant scientific disciplines, from research institutions, innovators, creators, founders, companies or industry are welcome. However, mere product presentations are excluded.

Assessment of the concepts

Submissions will be evaluated by a jury of key experts and consumers from the German Armed Forces. The relevant evaluation criteria are the degree of innovation and the relevance and added value for the German Armed Forces.

Submissions are evaluated in a two-step process. The panel will pre-select after examination of the submitted proposals. After successful approval, the selected ideas, concepts and models will then be presented publicly by the participants at the half-day Innovation Conference Cyber/IT (November 11th, 2020) at the Bundeswehr University Munich. Additionally, there is the opportunity for a demonstration or an application test in the German Armed Forces institutions ‘Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support’, ‘Bundeswehr Geoinformation centre’, ‘German Cyber and Information Domain Service Headquarters’, or the ‘Bundeswehr University Munich’.

Submissions due date: July 31st, 2020
Notification date: September 30th, 2020

Please note, travel expenses and conference fees cannot be covered by the organization committee.
Awards:

- 1st place receives an award of €15,000
- 2nd place receives an award of €10,000
- 3rd place receives an award of €5,000
- 4th to 12th place receive an award of €1,000 each

Participation

Apply now with your application concept! Please download and complete the enclosed PDF form. Then send the PDF form to code@unibw.de by Friday, July 31st, 2020 at the latest.

Conditions of participation

- Natural and legal persons of legal age are eligible
- All copyright on the submitted and presented ideas remain with the natural author
- There is no legal claim to the money award or the concrete implementation of the ideas
- Conference language will be English

Subject to an examination of the possible effects of prizes on trade between Member States, such prizes shall be made available to undertakings within the meaning of paid out to the European Union only as so-called de minimis aid. In such cases, it is not possible to make a payment if the relevant funding rules are exceeded. In accordance with Regulation (EU) No. 1407/2013 on the application of Articles 107 and 108 of the Treaty on the Functioning of the European Union to de minimis aid (Official Journal of the European Union No L 352 of 24 December 2013, page 1) the European Commission also regards money prize as State aid and is therefore paid as de minimis aid, which cannot exceed EUR 200,000 per undertaking in three fiscal years. A de minimis statement to that effect shall be provided at a later date prior to the payment of the prize.

The submitting persons may submit their description of ideas only via the attached PDF form (also available at www.unibw.de/code-events) and, without exception, via the aforementioned e-mail address. A submission is considered to be binding. Please note that for the attendance of the Innovation Conference, registering for the Annual Meeting is required via the aforementioned Internet portal. The registration page will be published shortly.

Contact

Bernd Schlömer, Federal Ministry of Defence, Referat CIT I 2 E: Bmvgciti2@bmvg.bund.de

Local organizers:

code@unibw.de

Volker Eiseler, Bundeswehr University Munich, Research Institute CODE: volker.eiseler@unibw.de

Julius Zahn, Bundeswehr University Munich, Research Institute CODE: julius.zahn@unibw.de