

SAT NAV-Forum ●●●

Forum für Satellitennavigation



Forum for Satellite Navigation

The "Forum for Satellite Navigation" (SatNav-Forum) provides nationwide support to cooperation among regional initiatives in the field of satellite navigation. Besides offering opportunities for wide-scale exchange of information and experience, it strengthens a nationwide network of business enterprises, scientific institutes, civil organisations, administrations and end users. The Federal Ministry of Transport, Building and Urban Development (BMVBS) considers itself as a facilitator and patron of the German "Forum for Satellite Navigation".

The focus is on the following activities

- the provision of information to regional networks and their members by the BMVBS
- the collection of information from individual initiatives and its dissemination through the SatNav-Forum by the BMVBS
- promoting cooperation and communication between networks
- presenting a common outward appearance

The significance of Galileo

The Galileo satellite navigation system is one of the most important European innovation projects. Forming the basis for a multitude of satellite-based products and services, Galileo is of great importance for demonstrating Germany's leading role in technology and economy.

SatNav-Forum at a glance

- 15 regional initiatives in Germany
- User conferences held annually by the BMVBS
- Four Forum meetings per year
- German nationwide networking
- Development of ideas for Galileo applications
- Platform for the exchange of experience and information
- Joint communication
- Trade fair presentation

www.satnav-forum.de

SatNav-Forum coordination:
German Aerospace Center (DLR)
Space Administration

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Regional SatNav Initiatives in Germany

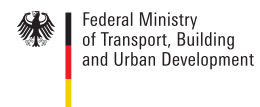


Locations of regional German SatNav Initiatives (DLR)



Innovative satellite-based solutions,
products and services for the future

supported by



MetroNAV – Metropolitan Navigation



MetroNAV is a market promotion and testing platform for precompetitive applications, projects and products. Focussing on traffic management, geoinformation and tourism. It connects product providers and applications within the metropolitan areas of Berlin and Brandenburg. Public affairs are handled jointly by TelematicsPRO and GEOkomm. TelematicsPRO does the private enterprise based product testing.

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Hessen-IT – New Directions for the IT Sector



Hessen-IT, an initiative of the Hessian Ministry for Economics, Transport and Regional Development, targets the information technology and telecommunications market. A hub of information and communication, Hessen-IT supports the development, dissemination and application of new technologies. In addition to networking providers and users, it draw's public attention towards Galileo, in close cooperation with „cesah“.

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cesah – Satellite Navigation creates new Markets



cesah, the “Centrum for Satellite Navigation Hessen”, is a competence, information and incubation center in the field of satellite navigation. As a partner of the ESA Business Incubation Initiative domiciled in the immediate vicinity of the European Space Operations Centre (ESOC), cesah supports young enterprises and start-ups in technical developing, realising and marketing new products and services. It is funded by the State of Hessen, the City of Darmstadt, industrial companies and research institutes.

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GAUSS – Certification of Safety Critical SatNav Applications



The GNSS Center for Safety Critical Applications, Certifications, and Services, GAUSS, brings together the entire know-how of Braunschweig Research Airport. Its activities focus on certifying satellite-based applications in Germany and Europe.

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GATE – The Galileo Test and Development Environment



GATE¹ is a unique real-world test and development environment, to prepare for the challenges of the Galileo/GPS navigation market. It constitutes an important intermediate step. In the Berchtesgaden test area, eight terrestrial transmitter stations beam the “genuine” Galileo signals. GATE permits testing receiver technologies, applications and Galileo services under realistic conditions.

¹) Funded by the Federal Ministry of Economics and Technology (BMWi) based on a decision of the German Federal Parliament.

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Initiative Satellite Navigation Berchtesgadener Land



This network for innovative navigation solutions is a consortium of medium-sized enterprises and scientific institutions. In collaboration with users, we design and implement innovative navigation applications, providing tomorrow's markets with ideas and solutions in the fields of security and emergency services, mobility and transport logistics, public health and tourism, energy and environment, and other SatNav applications.

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bavAIRia e.V. – Aviation, Aerospace and Satellite Navigation Cluster



bavAIRia was commissioned by the Bavarian state government to manage the aviation, aerospace and satellite navigation clusters. bavAIRia's mission is to identify Bavarian key competencies and to strengthen the network amongst industry and research community. The global competitiveness of these branches is to be preserved and intensified.

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Baden-Württemberg Forum for Application-related Satellite Navigation and Mobile IT



The Forum SatNav MIT BW aims to place current satellite navigation issues on the agenda of Baden-Württemberg and publishing them among a wide business and scientific audience. It focuses on mobility and security applications. Solutions for tourism will follow soon.

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SatNav Saxony



SatNav Saxony is the central network for integrated satellite-based services. The network bundles the existing expertise in Saxony and Thuringia in the areas of navigation applications, geographic information, information and communications technology, telematics and autonomous systems. SatNav Saxony finds support in the largest inter-trade organisation of microelectronics in Europe, the Silicon Saxony e.V.

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SANASA – Satellite Navigation Saxony-Anhalt



As part of Saxony-Anhalt's state-wide Galileo Transport test area, SANASA engages in bringing together business and research to promote new applications of Europe's satellite navigation system in central Germany. Its key areas of interest are traffic telematics and logistics, the security of international delivery chains, agriculture, forestry, environmental protection and disaster control.

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AIR – Serving Economy and Science



AIR engages in academic research and teaching as well as in industrial training and business practice to initiate and propagate knowledge in navigation, geoinformation and GMES. It aims to promote and develop systems and networks for sustainable optimising business processes through a national and international exchange of experience.

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Saarland Navigation and Geodata Working Group



Initiated in the Saarland, the working group aims at networking and pooling regional competence in navigation technologies and geodata. It encourages exchanges between local companies, university institutes, and government authorities in order to stimulate innovative applications and research and development activities.

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CEON – Centre for Communication, Earth Observation and Navigation Services



The main tasks of CEON are to coordinate Bremen's activities in the field of integrated applications as well as initiating and implementing demonstration projects for satellite-based environmental and security services. CEON is a non-profit state institution of the Free Hanseatic City of Bremen acting in cooperation with partners from industry and science.

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Research Port Rostock



Development and trialling of high precision and safe Galileo/GNSS solutions for navigation and transshipment processing in the Research Port of Rostock using the operational infrastructures SEA GATE¹ and ALEGRO.

¹) Funded by the Federal Ministry of Economics and Technology (BMWi) based on a decision of the German Federal Parliament.

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Network for Maritime Applications – Competence in Maritime Navigation and Logistics



The Network for Maritime Applications pools maritime competence so that GNSS/Galileo products and services can be developed and marketed. It's objective is, to enhance the safety as well as the cost and time efficiency of navigation and intermodal transport in seaports, supported by GNSS solutions.

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Federal Ministry of Transport, Building and Urban Development



As a department of the federal government, Federal Ministry of Transport, Building and Urban Development (BMVBS) coordinates all activities related to the European satellite navigation system Galileo. In that capacity, it initiated the “Forum for Satellite Navigation” through which it promotes nationwide cooperation among regional initiatives as moderator and patron.

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