



13th BAŠKA GNSS CONFERENCE

Baška, Krk Island, Croatia,

12 - 15 May, 2019

Welcome to 13th Annual Baška GNSS Conference!

The Royal Institute of Navigation, London, UK; University of Rijeka, Faculty of Maritime Studies, Rijeka, Croatia; University of Zagreb, Faculty of Transport and Traffic Sciences, Zagreb, Croatia; and University of Rijeka, Faculty of Engineering, Rijeka, Croatia have a privilege in welcoming you to the **13th Annual RIN Baška GNSS Conference** to be held in **Baška, Krk Island, Croatia** on **12 – 15 May, 2019**. The conference is organised under the High Auspices of *The European Academy of Sciences and Arts, Salzburg, Austria*, and technically co-sponsored by *Beihang University, Beijing, China*, *University of Zagreb, Faculty of Science, Department for Mathematics, Zagreb, Croatia*, *Zagreb University of Applied Sciences, Zagreb, Croatia* and *Krapina University of Applied Sciences, Krapina, Croatia*. Media coverage is provided by *Coordinates Magazine, Delhi, India*.

This traditional and unique event aims to gather worldwide experts in satellite navigation and related disciplines, and focuses on GNSS resilience and GNSS applications development. The unique environment of Baška, its natural resources, and rich history and culture, combined with traditional hospitality, will again create an inspiring atmosphere for ideas and knowledge exchange, well known to those who attended the previous conferences in the series.

The conference will address subjects in satellite navigation and related disciplines, including, but not limited to:

- Core satellite navigation developments
- GNSS signals and spectrum utilisation and protection
- Mathematics of satellite navigation (position estimation and navigation methods, error correction models, signal processing methods, forecasting models, GNSS jamming and spoofing detection and mitigation etc.)
- Resilient GNSS development against natural (space weather, geomagnetic, ionospheric and tropospheric) and artificial (GNSS jamming, spoofing, and meaconing) disturbance to positioning performance and operation
- Statistical learning on GNSS-generated data
- GNSS receiver design
- Navigation applications for air, marine, road, railway, and personal navigation, autonomous rovers, UAVs, vessels, and submersibles
- Non-navigation applications (financial industry, telecommunications, GNSS forensics, Safety-on-the-Sea, IoT, remote sensing, ecology etc.)
- Legal aspects of GNSS utilisation

Interested authors and presenters are kindly invited to submit the proposed manuscripts (full papers) to the conference e-mail: **baskagnssconference2019@gmail.com** no later than **1 February, 2019**. In preference of substance over format, manuscripts should be prepared using the guidelines given in the Journal of Navigation Instructions for contributors, available at: <https://www.cambridge.org/core/journals/journal-of-navigation/information/instructions-contributors>.

The latest developments in regard to the forthcoming conference can be followed at the RIN website: <http://www.rin.org.uk>.

We are looking forward for the privilege to welcome you to Baška.

International Programme and Organising Committee

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