



The European Navigation Conference Global Navigation Satellite Systems ENC GNSS 2010

under the Patronage of
Antonio Tajani, Vice-President European Commission
David McAllister, Prime Minister of Niedersachsen

Conference Summary

The European Navigation Conference - ENC GNSS 2010, 19 - 21 October 2010 in Braunschweig, Germany, was held in the tradition of this series of conferences which started in 1997. Meanwhile ENC - GNSS has become the most important and successful European event in the field of navigation.



The President of the German Institute of Navigation (DGON), Professor Peter Vörsmann, and the Chairman of the European Group of Institutes of Navigation (EUGIN), Captain Rein van Gooswilligen welcomed more than 270 leading scientists, government and institutional officials, managers from industry and experts in navigation from 29 nations worldwide.

In opening addresses



Dr. Josef Lange, State Secretary Niedersachsen, and Mr. Edgar Thielmann, European Commission, spoke on behalf of the patrons, set the scene, and addressed the importance of the European Galileo Programme. Following were the key notes on technical and political aspects of Galileo by Mr. Edgar Thielmann, European Commission, and



GPS by Mr. James Doherty for the United States Institute of Navigation, and Galileo Services by Mr. Martin Grzebellus.



A panel discussion chaired by Professor Vidal Ashkenazi titled "GNSS for Business, the Citizens and Government" led to the 23 parallel technical sessions which offered 95 expert presentations supplemented by more than 25 poster briefings and 23 technical exhibitions from industry, research institutes and media.

Topics covered timing and synchronization, system and user requirements, GNSS integration, augmentation systems and services, GNSS receiver and antenna technology, GNSS software and algorithms, GNSS signal protection, GNSS specification and certification, intelligent transports systems, and transport and mobility applications.

The scientific contents of the many presentations held were of high standard and most promising. Again the conference proved the increasing importance of satellite navigation now and in the future.

Collateral events were the ice breaker party,



a reception of the City of Braunschweig and the conference banquet

where Professor Vörsmann took the chance to cordially thank all ENC GNSS 2010 Chair persons and



which was the right occasion for the official handover of the presidency of the German Institute of Navigation to Professor Hermann Rohling

followed by the charming dinner-speech of Dr. Wolfgang Scholze on "Microlight Aircraft and Geese".



As another conference highlight, during the closing session, the DGON Leo-Brandt-Award 2010 together with the title "DGON Master of Navigation" was dedicated to Mr. Zhibo Wen for his outstanding master thesis "Estimation Code and Phase Biases in Satellite Navigation".

Finally, the Secretary General I.A.I.N, David Broughton, submitted a conference summary



and for RIN, Norman Bonnor invited to the next year's "European Navigation Conference - ENC GNSS 2011" to be held in London, United Kingdom, 22 - 24 November (tbc) 2011.