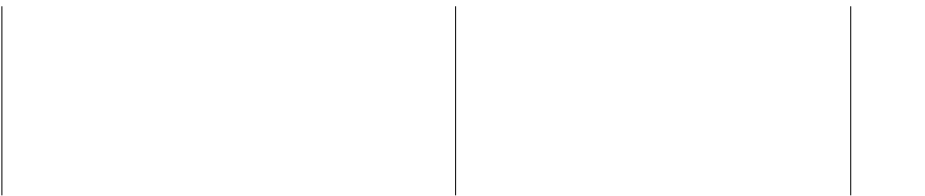


EUROPEAN SATELLITE NAVIGATION CONFERENCE

18 - 19 October 2010

www.conference.galileo-masters.eu



EUROPEAN
SATELLITE NAVIGATION
CONFERENCE
2010

18-19 | October, Munich

18 October | Haus der Bayerischen Wirtschaft

11:00 – 11:30 Registration
 11:30 – 12:30 Business Matching for pre-registered participants

12:30 – 13:00 Lunch break and conference registration

BALTICS WORKSHOP

13:00 – 13:20 Introduction to GNSS Activities and Trends in Lithuania
Vidmantas Tomkus, Director, [National Space Association of Lithuania](#)

13:20 – 13:35 GPS Tracker - BELT for Kidnapping Prevention, **Žydrūnas Andruška**, CEO, [UAB "TOBE GPS"](#)

13:35 – 13:50 Approach to decline classic Geometry Functions \sin and \cos for the Solution of Satellite Navigation Tasks, **Faustas Keršys**, Director, [Space Technology Research Center \(KTSC\)](#)

13:50 – 14:10 Introduction to GNSS Activities and Trends in Estonia,
Urmus Uska, Member of SPWG, [Enterprise Estonia](#)

14:10 – 14:25 Super Precise Vegetation Mapping Initiative,
Alar Kolk, Chairman of the Supervisory Board, [NycoSat](#)

14:25 – 14:40 Location-based Gaming Experiences,
Henri Hallik, CEO, [Yrgel Entertainment](#)

14:40 – 15:00 Introduction to GNSS Activities and Trends in Latvia,
Dr Kaspars Kalnins, [FP7 National Contact Point Space / Transport](#), [Riga Technical University](#)

15:00 – 15:30 Coffee break

KEYNOTE SESSION

Introduction to Wireless Access in Vehicular Environments /
 Dedicated Short Range Communications (WAVE / DSRC)

15:30 – 16:00 Vehicle ICT Services and System Technology,
Robert Tsai, Deputy Division Director, [Industrial Technology Research Institute \(ITRI\)](#)

16:00 – 16:10 Announcement of ESNC 2011 WAVE / DSRC Innovative Prototyping Prize,
Thorsten Rudolph, Managing Director, [Anwendungszentrum GmbH Oberpfaffenhofen](#)

PLENARY SESSION

Cooperative Systems for Improved Vehicle ICT Services and Intelligent Cargo

16:10 – 16:30 Intelligent Cargo and freight transport priorities in the EU strategic research roadmap,
Paolo Paganelli, Director, [EURIDICE Project](#)

16:30 – 16:50 Enhancement of Future Driver Assistance Systems, **Prof Dr Thomas Strang**, Institute of Communications and Navigation [German Aerospace Center \(DLR\)](#), [Oberpfaffenhofen](#)

16:50 – 17:10 Car-2-X based Driver Assistance Systems,
Martin Henne, Institut für Kraftfahrzeuge, [RWTH Aachen University](#)

17:10 – 18:00 **ROUNDTABLE DISCUSSION**

moderated by **Frederic Bruneteau**, Managing Director, [PTOLEMUS Consulting Group](#)

Marc Nadell, VP-Partnering, [NAVTEQ](#)
Robert Tsai, Deputy Division Director, [Industrial Technology Research Institute \(ITRI\)](#)
Markus Bachleitner, Head of Traffic Info Development, [ADAC](#)
Prof Dr Thomas Strang, Institute of Communications and Navigation, [DLR Oberpfaffenhofen](#)
Martin Henne, Institut für Kraftfahrzeuge, [RWTH Aachen University](#)
Paolo Paganelli, Director, [EURIDICE Project](#)

18:45 **PIANO CONCERT** by Elena Misirkova at Munich Residence

19:00 **ESNC AWARDS CEREMONY** with subsequent state reception

19 October | Galileo Control Center

09:00 – 09:30	Registration
09:30 – 09:40	Greeting, MR Dietmar Schneyer , Bavarian State Ministry for Economic Affairs, Infrastructure, Transport and Technology
09:40 – 09:50	Greeting and Introduction to the Galileo Control Centre, Walter Päßgen , Director, DLR Gesellschaft für Raumfahrtanwendungen (GfR) mbH
09:50 – 10:05	<u>The European Satellite Navigation Competition 2010</u> , Thorsten Rudolph , Managing Director, Anwendungszentrum GmbH Oberpfaffenhofen (AZO)
10:05 – 10:35	<u>Introduction to FP7</u> , Francois Boullete , Market Development Officer, European GNSS Supervisory Authority (GSA)
10:35 – 10:55	<u>Presentation GALILEO Master 2010</u> – Philipp Breuss-Schneeweis , Mobilizy GmbH
10:55 – 11:10	Coffee break

PARALLEL SESSIONS

presentations of special topic and regional winners 2010

	Session 1 (Foyer): Safety & Security	Session 2 (Conference Room): High Precision	Session 3 (Oval Office): Public & Social Services
11:10 – 11:25	<u>GPS Tracker - BELT for Kidnapping Prevention</u> , Žydrūnas ANDRUŠKA , UAB „TOBE GPS“ (Lithuania)	<u>µQuanS -A Portable Matter-Wave Gravimeter</u> , Dr. Bruno Desruelle , µQuanS (Aquitaine / France)	<u>mLearning4Africa & Middle East – Eastern Communities in Urban and Remote Areas</u> , Mamadou Diop , Group ISEG / UNIDAF (Arab MENA)
11:25 – 11:40	<u>SafeMountain: Mountain Risk Management System</u> , Rafael Olmedo & Alberto Ayora , INTA (Gipuzkoa / Spain)	<u>Carrier Phase Receiver System with Extremely Reliable Integer Ambiguity Resolution</u> , Patryk Jurkowski & Patrick Henkel , AMCONAV (Bavaria / Germany)	<u>eVOTZ - Secure Mobile Voting</u> , Elliot Klein , eVOTZ (USA)
11:40 – 11:55	<u>DVB Disaster Monitor</u> , Dr Jaroslav Jansa , Immobiliser Central Europe Ltd. (Prague / Czech Republic)	<u>MPos - Indoor Navigation for LBS and Navigation Wherever Satellite Navigation Fails</u> , Dr Peter Valtink , MobilTec GmbH & Co. KG (Niedersachsen / Germany)	<u>Cardiac Arrest Alert and Localizer (CAAL)</u> , Jakob Jakobsen , DTU/National Space Institute (Øresund / Denmark & Sweden)

	Session 1 (continues): Safety & Security	Session 2 (Conference Room): Location Based Services	Session 3 (continues): Public & Social Services
11:55 – 12:10	<u>alcedo – the flying avalanche transceiver</u> , Manuel Grauwiler & Luc Oth , ETH Zurich (Switzerland)	<u>ReMood - Connecting Festival Crowds</u> , Teun Hoevenaars & Jon Reijneveld , ReMood (South Holland / The Netherlands)	<u>Galileo / GSM-based Localisation of Persons in Distress</u> , Philipp Neuhaus , University of Muenster (North Rhine-Westphalia / Germany)
12:10 – 12:25	<u>Credit Card Identification Based On Your Location</u> , Dr Tsung-Liang Wu , Industrial Technology Research Institute (Taipei / Taiwan)	<u>DINOS for Smart Cities – Digital Information, Navigation and Orientation System</u> , Dylan Seychell , TR Associates Ltd. (GNSS Living Lab Prize – Media)	<u>Flood Guardian</u> , Vivek Dadu , Cranfield University (University Challenge)
12:25 – 12:40	<u>VADASE (Variometric Approach for Displacements Analysis Stand-Alone Engine)</u> , Mattia Crespi , University of Rome “La Sapienza” (DLR)	<u>Parking Dialogue – The Mobile Application for Carefree Parking</u> , Bastiaan Walenkamp , Dialogues Technology (NAVTEQ)	<u>Cardiac Power Monitoring (CPM)</u> , Volker Tank , Kreative Technologie LWU, UG (GNSS Living Lab Prize – Health)

	<p>Session 1 (continues): Safety & Security</p>
12:40 – 12:55	<p>DAGObert: DAngerous GOods Coordination Through Location-Based Road Traffic Management, Wolfgang Inninger, Fraunhofer IML (Forum SatNav MIT BW)</p>

14:55 – 14:00 Lunch break & guided Tours of the Galileo Control Center and the German Space Operations Center

14:00 – 14:20	<p><u>Florida: Space for Business - New Opportunities to Enter American Markets</u>, Frank DiBello, President and CEO, Space Florida</p>
14:20 – 15:00	<p>Incubation Best Practices from the Regions:</p> <ul style="list-style-type: none"> Baden-Württemberg / Germany: Gerhard Bernot, Ambassdor Bodenseeland United Innovations & Chairman Workgroup Security at Forum SatNav MIT BW Security, Forum SatNav MIT BW <u>Taiwan</u>: Rachel Huang, Deputy Division Director, Industrial Technology Research Institute (ITRI)

PARALLEL SESSIONS
 presentations of special topic and regional winners 2010

Session 1 (Foyer): Road	Session 2 (Conference Room): Earth Observation & Environment
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15:00 – 15:15	<p><u>Global Vehicle Traffic Monitoring System</u>, Daniel Dobroszkanka, Satloo (Israel)</p>	<p><u>Satellite-based System for Monitoring Animal Population to Assess Environmental Quality Parameters</u>, Erich Franke, AFUSOFT Kommunikationstechnik GmbH (Baden-Württemberg / Germany)</p>
15:15 – 15:30	<p><u>Parking Availability with a GNSS / Vision System</u>, Manuel Asselot, Robocortex (Nice-Sophia Antipolis / France)</p>	<p><u>Marine Telepass – Helping Protect Marine Reserves</u>, Giacomo Mangani, Blue Thread (Lombardy / Italy)</p>
15:30 – 15:45	<p><u>TaxiZapp. A Smartphone & Web Solution Allowing Available Taxis and Potential Passengers to Connect</u>, Rosemary McClenaghan, TaxiZapp (United Kingdom & Ireland)</p>	<p><u>NEPA: Wireless Water Watcher Navigator System</u>, Rafael Olmedo, INTA (Madrid / Spain + ESA)</p>
15:45 – 16:00	<p><u>Real-World Vehicle Emission Profiles</u>, Stef Kolman, doss B.V. (GNSS Living Lab Prize – Energy)</p>	<p><u>Agrista – An Online Technology Platform that Minimises the Risk of Funding Agricultural Projects</u>, Helmut Drewes, Agrista GmbH (T-Systems)</p>

PARALLEL SESSION

GAINS Living Lab Workshop – Launch of Open Call for Pilot Proposals (Oval Office)

14:00 – 14:15	Welcome and Introduction, Roberto Santoro , Vice-President, European Network of Living Labs (ENoLL)
14:15 – 14:30	Results of the GNSS Living Lab Prize, Ulrike Daniels , Business Development, Anwendungszentrum GmbH Oberpfaffenhofen
14:30 – 15:30	Presentation & Discussion of the Winning Ideas: Energy, Health & Media
15:30 – 15:45	GAINS Open Call for Living Labs: How to Apply, Marco Conte , Director, ESoCE-Net
15:45 – 16:15	Q&A

16:00 Networking Cocktail & Opportunity to take guided Tours of the Galileo Control Center and the German Space Operations Center (GSOC)

17:30 Bus shuttle back to Munich



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Venue 18 | 10 | 2010

Haus der Bayerischen Wirtschaft
Max-Joseph-Straße 5
80333 München

Venue 19 | 10 | 2010

Galileo Control Centre
German Aerospace Center (DLR)
Münchner Straße 20
82234 Weßling

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