

MULTIPOS
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Special Session in ICL-GNS 2016 Conference

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Abstract: A special session on MULTI-POS was organized in ICL-GNSS 2016, Barcelona, Spain.

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Document Control

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Executive Summary

A special session on MULTI-POS was organized in the International Conference on Localization and GNSS (ICL-GNSS) 2015. Jari Nurmi, TUT, chaired the session.

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Document Control 2

List of Acronyms and Abbreviations 4

1. Introduction 5

2. Special Session Implementation 5

 2.1 Location and dates 5

 2.2 Agenda..... 5

3. Participants 5

4. Conclusions 6

5. References..... 6

List of Acronyms and Abbreviations

Term	Description
ICL-GNSS	International Conference on Localization and GNSS

1. Introduction

This document describes the implementation of a special session on MULTI-POS at ICL-GNSS 2015 in Barcelona, Spain on June 28-30, 2016 [1].

2. Special Session Implementation

This section describes the details of the special session. The session was proposed to and accepted by the conference steering committee, and the submitted papers were undergoing a regular review process as all the papers submitted to the conference. Jari Nurmi (TUT) and Elena-Simona Lohan (TUT) chaired the double session.

2.1 Location and dates

Barcelona, Spain
June 28-30, 2016

The special session took place on the third day, Thursday June 30.

2.2 Agenda

The agenda as extracted from the conference program at the conference web site.

<p>Session 10: MULTI-POS I: GNSS</p> <p>📅 14:20 🕒 30.06</p> <p><i>Session chair: Jari Nurmi, TUT, Finland.</i></p> <p>"GNSS applications: personal safety concerns" Kolomijeca, Anna (1); Lohan, Elena-Simona (2); López-Salcedo, José A. (1); Seco-Granados, Gonzalo (1) 1: Universitat Autònoma de Barcelona, Spain; 2: Tampere University of Technology</p> <p>"Data Driven Vertical Total Electron Content workflow for GNSS positioning for single frequency receivers" Sánchez-Naranjo, Susana M (1,2); González O, Fabio A (2); Ramos-Pollán, Raúl (3); Solé, Marc (1) 1: Pildo Labs, Spain; 2: Universidad Nacional de Colombia, Colombia; 3: Universidad Industrial de Santander, Colombia</p> <p>"Multi-GNSS analysis based on full constellations simulated data" Ferrara, Nunzia Giorgia; Nurmi, Jari; Lohan, Elena Simona Tampere University of Technology, Finland</p>
<p>Session 11: MULTI-POS II: Beyond GNSS</p> <p>📅 15:40 🕒 30.06</p> <p><i>Session chair: Simona Lohan, TUT, Finland.</i></p> <p>"Performance Considerations for Positioning with Signals of Opportunity" Figueiredo e Silva, Pedro Manuel; Lohan, Elena Simona Tampere University of Technology, Finland</p> <p>"Particle Filter for Context Sensitive Indoor Pedestrian Navigation" Peltola, Pekka Sakari; Hill, Chris; Moore, Terry Nottingham University, United Kingdom</p> <p>"The Non-Technical Challenges to The Location Based Services Markets: The Users' Concerns Are Being Ignored?" Basiri, Anahid, Moore, Terry, Hill, Chris and Bhatia, Paul The University of Nottingham, United Kingdom</p>

3. Participants

The conference participants were actively attending the session. There is no separate participant list available for the sessions. The general participant list of the conference is attached.

4. Conclusions

The fourth special session by the project was organized successfully jointly by the project partners at ICL-GNSS 2016 in Barcelona, Spain.

5. References

- [1] ICL-GNSS conference website <http://www.icl-gnss.org/2016/>

Attendees to the 6th ICL-GNSS International Conference on Localization and GNSS

Barcelona, June 28-30 2016

Name	Surname	Company/ University/ Institution Name
Glauberto Leilson	Alves de Albuquerque	University of Mons
Anahid	Basiri	University of Nottingham
Ali	Broumandan	University of Calgary
Danijela	Cabric	University of California Los Angeles
Stefano	Caizzone	DLR
Gianluca	Caparra	University of Padova
Wu	Chen	Hong Kong Polytechnic University
Chee Phing	Chow	Association of Authorised Land Surveyors Malaysia (PEJUTA)
Roberto	Colon	NOAA
Andrei	Cramariuc	Tampere University of Technology
Javier	De Salas	Broadcom
José Antonio	Del Peral	Universitat Autònoma de Barcelona
Fernando	Duarte Nunes	Instituto de Telecomunicações
Onur	Ergin	TKN, Technische Universität Berlin
Ignacio	Fernández-Hernández	European Commission
Sousa	Fernando	Instituto de Telecomunicações and ISEL
Pedro	Figueiredo e Silva	Tampere University of Technology
Joaquim	Fortuny	European Commission Joint Research Centre
José Antonio	García	ESA
Guillermo	González	Universitat Politècnica de Catalunya
Özgür	Gündoğan	Tübitak Space Technologies Research Institute
Marco	Gunia	TU Dresden
Ian	Hindmarch	University of Bristol
Joaquín	Huerta	University Jaume I
Gyu-in	Jee	Konkuk University
Hyowon	Kim	Hanyang University
Junhyuk	Kim	Hanyang University
Sunwoo	Kim	Hanyang University
Anna	Kolomijeca	Universitat Autònoma de Barcelona
Josef	Kulmer	Technical University Graz
Athanasios	Kyritsis	University of Geneva
Gérard	Lachapelle	University of Calgary
Chiam Ho	Lai	Landsoft Sdn Bhd
Jaehoon	Lee	Hanyang University
Kwong Joo	Lee	Ukur Sekitar Sdn Bhd
Yue Mun	Leong	Syarikat Ukur Aman
Helena	Leppäkoski	Tampere University of Technology
Rameez Ur Rahman	Lighari	University of Oulu
Chew Hoon	Lim	Ukur Sejahtera
Simona	Lohan	Tampere University of Technology
Jose	López-Salcedo	Universitat Autònoma de Barcelona
Siong Khim	Low	Meridian Survey Consultants
Yi	Lu	Universitat Autònoma de Barcelona
Vicente	Lucas Sabola	Universitat Autònoma de Barcelona
Vickneshwaran	M Ganapathy	Association of Authorised Land Surveyors Malaysia (PEJUTA)
José	Marçal	University of Lisbon
Francois-Xavier	Marmet	CNES
Rico	Mendrzik	Hamburg University of Technology
Gizaw	Mengitsu	Botswana International University of Technology and Science
Logisvarran	Muniandy	Association of Authorised Land Surveyors Malaysia (PEJUTA)
Nazareth Austin	Pereira	Association of Authorised Land Surveyors Malaysia (PEJUTA)
Joram	Niko	TU Dresden
Jari	Nurmi	Tampere University of Technology
Kwi Woo	Park	Chungbuk National University
Juan Manuel	Parro Jiménez	ESA
Maciej	Pasnikowski	GMV
Mathias	Pelka	Fachhochschule Lübeck
Pekka	Peltola	Nottingham University
Laura	Perea Virgili	Indra Sistemas
Rita	Pereira	Instituto de Telecomunicações
Susana	Sánchez	Pildo Consulting S.L.
Lorenz	Schauer	LMU Munich
Gonzalo	Seco-Granados	Universitat Autònoma de Barcelona
Natalie	Shapira	IBM Research
Silvia	Sturaro	Università degli Studi di Padova
How Kee	Teh	Juruukur Intan Malaysia
Eng Hu	Toh	Association of Authorised Land Surveyors Malaysia (PEJUTA)
Joaquín	Torres-Sospedra	Universitat Jaume I
Antonio	Tripiàna	Universitat Autònoma de Barcelona
Klaus	Witrisal	Graz University of Technology
Samuel	Xavier de Souza	Universidade Federal do Rio Grande do Norte
Xiaolong	Zhang	Tampere University of Technology