

1. Record Nr.	UNISA996279537403316
Titolo	Navigation World Congress (IAIN), 2015 International Association of Institutes of // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 2015
ISBN	1-4673-7634-5
Descrizione fisica	1 online resource
Disciplina	623.894
Soggetti	Aids to navigation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>Session A: Satellite navigation systems, their augmentation, receiver technologies and -- special questions. -- Operation and Development of BeiDou Navigation Satellite System (ling Li) -- The Overall Research on BeiDou Augmentation System in China Transportation (Zhang Bingqi) -- Radio-Navigation System Coverage Modelling Software (Martin Bransby) -- Experimental Reception of New GNSS Signals (Jifi Svaton) -- Determining the Accuracy of Ship Position as a Function of Radar Bearing (Slawomir Swierczynski) -- Satellite Navigation Data Mining (SENDAI) (Adam Polivka) -- Monitoring Ionosphere over South America: the MImOSA and MImOSA2 projects (Fabio Dovis) -- Simulink based prototype for real-time Intelligent GNSS-based localisation system (Hansjorg Manz) -- Assessing of Low Cost GLONASS/GPS Receivers versus GPS Receivers in Egypt (Mohsen Fekry) -- Session B: Space weather and ionosphere phenomena. -- Services for GNSS users within the ESA Space Situational Awareness Space Weather Service Network -- (Erwin De Donder) -- Ionosphere Monitoring in South East Asia: activities in GINESTRA and ERICA projects (Fabio Dovis) -- High latitude ionospheric disturbances: characterization and effects on GNSS precise point positioning -- (Reza Ghoddousi-Fard) -- GNSS ionospheric model performance under non-nominal conditions: CMEs and Solar Eclipse -- (Angela Aragon-Angel) -- Session C: Signal processing in navigation systems. -- The Influence of the GNSS Solution on the Estimated Parameters in the Course of Sensor Integration -- (Roman Lesjak) -- Beacon aided Attitude Estimation</p>

Using Angle of Arrival Measurements (Kyungwoo Y 00) -- Ship-board Pedestrian Positioning Method by Integrating Dead Reckoning and Wireless Sensor Networks -- (Yihang Xie) -- Particle Filter technique for position estimation in GNSS-based localisation systems (Hansjorg Manz) -- Session D: Marine navigation. Applications of GNSS and other technologies. Special -- problems. -- Delivering resilient PNT (Nick Ward) -- Grasp of a Latent Risk of Ship Evacuation during a Tsunami using AIS Data Analysis (Masao Furusho) -- Has EGNOS its own place in Maritime Navigation? (Andrzej Felski) -- Automatic Route Checking Method Using Postprocessing for the Measured Water Depth (Dongwoo Kang) -- A Method for IMU/GNSS/Doppler Velocity Log Integration in Marine Applications (Michailas Romanovas) -- Study on Case Study of Ship Handling (Yoshiaki Kunieda) -- Turning maritime data into information (Nick Ward) -- A Study on the Verification of Collision Avoidance Support System in Real Voyages (Dajung Kim) -- Analyzing the marine traffic condition for estimating the high risk areas in the emergency evacuation -- (Gen Fukuda) -- An Efficient Heave Estimation using Time-Differenced GPS Carrier Phase Measurements and Compensated -- Barometer Measurement Applying Error Model (DongSun Lee) -- Advanced Optimized Weather Routing for an Ocean-Going Vessel (Ei-ichi Kobayashi) -- Study on Manoeuverability and Control of an Autonomous Wave Adaptive Modular Vessel (WAMV) for -- Ocean Observation (Jyotsna Pandey) -- Basic System of Sea Navigation for a Maneuvering Support System (Shigeaki Shiotani) -- Session E: Aviation and terrestrial navigation. Applications of GNSS and other -- technologies. Sensors and their data fuse. Special problems. -- Air Traffic Control Real-time Simulation Experiment Regarding the Mixed Operation between RNP AR -- and ILS Approach Procedures (Osamu Amai) -- Civil aviation, the adoption of new systems and applications: institutional impacts (Alberto Tuozi) -- Safety relevant application of satellite based localisation in transportation with the focus on railways -- (Hansj org Manz) -- A GNSS based solution for supporting virtual block operations in train control systems (Pietro Salvatori) -- Performance Evaluation of GNSS-based Railway Applications (N obuaki Kubo) -- An Inertial Sensor Calibration Platform to Estimate and Select Error Models (Jan Skaloud) -- Trends in GNSS Italian Application Scenarios in transportation (Alberto Tuozi) -- Session F: Spectrum management. Jamming and spoofing of navigation systems. -- Multi-spectral image analysis for rescue target detection (Xin Ran) -- A Study on the Accuracy of GPS Positioning during Jamming (Patrick Oonincx) -- Exploiting the Doppler Effect in GPS to Monitor Signal Integrity and to Detect Spoofing (Patrick Oonincx) -- Performance Analysis of a Multi-GNSS receiver in the Presence of a Commercial Jammer -- (Mohammad Zahidul H. Bhuiyan) -- Session G: Precise positioning. RTK. -- Real-time multi-constellation precise point positioning with integer ambiguity resolution (Xianglin Liu) -- Session H: Radar, electronic maps, special sensors. Session I: Special problems, other -- topics. -- The Need to Develop New Geodesic-Based Computational Algorithms for Marine Navigation Electronic -- Devices and Systems (Adam Weintrit) -- Session I: Special problems, other topics. -- Characterization of Chip-Scale Atomic Clock for GNSS navigation solutions (David Calero) -- Accurate Time Distribution Using Optical Fiber (Vladimir Smotlacha) -- Evaluation of Mental Workload by Large Model Sensor toward Development of Healthcare Monitoring -- System (Kenichi Kitamura) -- A New Algorithm for Improving the Tracking and Positioning of Cell of Origin (Yuntian Brian Bai).

Sommario/riassunto

The main conference scope is the latest development in the area of navigation, applied electronics and information technologies for

navigation purposes.
