



The 16th IAIN World Congress 2018

The 16th World Congress® of the International Association of Institutes of Navigation (IAIN) will be hosted by the Japan Institute of Navigation (JIN). It will be held on "Science, Technology, and Practice to Resilient Navigation" from 28(Wed.) November to 1(Sat.) December at the world-class Makuhari Messe in Chiba, Japan. The World Congress is held in a different region every three years to discuss technical navigation issues from 1976.

A scientific program addresses all subspecialties and related interests in navigation. Makuhari New City centers around Makuhari Messe, one of Japan’s world class convention facilities, and spreads out with offices, academic facilities, housing, parks, shopping, and entertainment facilities. It is a city of diverse potentials that sees many people from all over Japan and the world every day. Around the skyscrapers, there are Japanese gardens of Mihama-en and Makuhari Seaside Park along Makuhari Beach. Walking along the promenade will offer a chance to feel the sun, sea breeze and nature in Tokyo bay area.

Main topics are:

Status of Satellite Navigation System	Surface Navigation
GNSS Hardware Technology	Marine / Under Water Navigation
GNSS Vulnerabilities	Intelligent Transport System
Precise Positioning (PPP, RTK)	Surveillance and Communication
Atmosphere and Space Weather	Fleet Management System
Time and Frequency Transfer	Traffic Control System / Risk & Safety Evaluation
Indoor and Urban Positioning	Green Navigation
eGNSS, eLORAN and Data Communication	Arctic Navigation
eNavigation and Data Communication	Autonomous Navigation
Sensor Based Navigation	Navigation Data Application: Big Data
RADAR Technology and Navigation	Education and Training for Navigation
Integrated Navigation and Algorithm	Advanced Application and Future Developments
Aeronautical Navigation	



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