

Special tutorial session on Air Traffic Management Systems

Electronic Navigation Research Institute (ENRI) is the only institute in Japan conducting research relating to air traffic systems consisting of Air Traffic Management (ATM), Communication, Navigation and Surveillance (CNS) technologies and is now involved in research and development to realize air traffic increase, traffic safety enhancement and global environmental preservation. ENRI plans to have a tutorial session at ICSANE2014 in order to increase researchers and engineers interested in aeronautical navigation electronics and information technologies. The tutorial session is organized from five presentations of aeronautical applications with navigation, communication, surveillance and air traffic management described in below.

- a) Outline and Future Research Vision of ENRI.
- b) Future Aeronautical Communication and Information Technologies.
- c) GNSS Landing System in Low Geomagnetic Latitude Region.
- d) Next Generation Aeronautical Surveillance Systems.
- e) Safety and Human Factors in Aviation.

Researchers from ENRI will introduce the current hot topics and will open to discuss in those research areas. ENRI hopes to cooperative work with the researchers and engineers in those areas to contribute cooperatively for development of the better ATM systems for future seamless sky in Asia-Pacific region.