



LSGI Distinguished Lecture Series

“Conception and Future Perspective of Space and Ground Integration PNT Network”

Overview

It was our pleasure to invite Professor Baoguo YU, Director of State Key Laboratory of Satellite Navigation System and Equipment Technology (CEPNT), to deliver a seminar of the LSGI Distinguished Lecture Series on 20 June 2018.



Biography

Yu Baoguo is the professor, doctoral supervisor. The director of CEPNT, the chief scientist of CETC, the member of National BD Standardization Technical Committee, the member of Technology Committee of the National Administration of Surveying, Mapping and Geoinformation, the chairman of Navigation and location service session of China Satellite Navigation Conference, the fellow of Chinese Institute of Electronics. Long been engaged in the construction of the Beidou satellite navigation system and related scientific research work. Mr. Yu has been awarded the outstanding contribution to implementation of the “Eleventh Five-Year” National Science and Technology plan, BD2 project outstanding contributions of individuals, CETC Innovation Award for outstanding contributions, and May 1st Labor Medal of China.

Conception and Future Perspective of Space and Ground Integration PNT Network

Spatiotemporal information is the survival necessity of people’s living, and is also the comprehensive foundation of the global surging tide waves of big data. PNT(Position, Navigation and Timing) information service which is “everywhere and anytime” will propel the social mass and

national economy into the new era of “unmanned, intelligence and precision”. In the lecture, the development demand of ubiquitous big data location service in the future will be focused on. It will start with the analysis of the concept and situation of PNT and SIGN(Space and Ground Integration Network), and give the forecast of PNT system and technology development. The conception and future perspective of Space and Ground Integration PNT Network will be expounded systematically.