

International Symposium on Precision Geodesy

Keynote Sessions

Time: September 12, 2026 08:50-11:40 (UTC+8)

Venue: Room 201, Building 3, APM

Online: Zoom Meeting ID 639 0487 2753, Passcode 736380

Link: <https://gfz-de.zoom->

[x.de/j/63904872753?pwd=GEZrED86ROkcptOLEQLgxb3eEFD3pb.1](https://gfz-de.zoom-x.de/j/63904872753?pwd=GEZrED86ROkcptOLEQLgxb3eEFD3pb.1)

Time	Speaker	Title/Position	Presentation Title
08:50-09:25	Chris Rizos	Emeritus Professor, University of New South Wales; President, International Union of Geodesy and Geophysics	Geodesy: The Quintessential Geoscience
09:25-10:00	Heping Sun	Academician of the Chinese Academy of Sciences, Professor, APM, CAS	A Future Plan for Geopotential Determination and Height Datum Unification
10:30-11:05	Guifei Jing	Professor, Beihang University	Understanding of Demand for Navigation & Positioning and Breakthroughs in Technological Shortcomings
11:05-11:40	Wenzhong John Shi	Professor, The Hong Kong Polytechnic University	The Development of Surveying and Mapping Technologies in the AI Era

Plenary Sessions

Time: September 12, 2026 14:30-17:50 (UTC+8)

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Time	Speaker	Title/Position	Presentation Title
14:30-14:50	Kefei Zhang	Professor, China University of Mining and Technology	Next-Generation Tropospheric Sensing Based on GNSS+, Network-of-Networks, and AI Technologies
14:50-15:10	Zebing Zhou	Professor, Huazhong University of Science and Technology	Development of Space Electrostatic Inertial Sensor in HUST
15:10-15:30	Moh. Fifik Syafiudin	Professional Engineer, Geospatial Information Agency of Indonesia	Indonesia's Geospatial Economy: An Integrated Value Chain Enabled by GNSS Precise Positioning Services
15:30-15:50	Zishen Li	Professor, Aerospace Information Research Institute, CAS	Ten Years of the IGS Real-Time Service: Key Developments and Scientific Applications
16:10-16:30	Zhenhong Li/ Chen Yu	Professor, Chang'an University	The Role of Satellite Radar Observations in Monitoring and Understanding Earthquake Hazards
16:30-16:50	Jianghui Geng	Professor, APM, CAS	Exploring Mass-Market GNSS and Inertial Sensors for Geoscience Applications
16:50-17:10	Jun Hu	Professor, Central South University	InSAR Geodesy: Three-Dimensional High-Precision Deformation Monitoring
17:10-17:30	Jacek Daniel Paziewski	Professor, University of Warmia and Mazury in Olsztyn	Advances in High-Rate GNSS Data Processing for Dynamic Monitoring—A Focus on the Applicability of Low-Cost and Smartphone GNSS Receiver Data
17:30-17:50	Xiaohua Xu	Professor, University of Science and Technology of China	Contrasting Locking Depths Derived from Geodesy, Seismicity, and Friction Models

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Time	Speaker	Title/Position	Presentation Title
08:30-08:50	Meng Su	Professor, The University of Hong Kong	From Terrestrial Geodesy to Extraterrestrial Resource Prospecting: AI-Driven Remote Sensing, Commercial Lunar and Asteroid Mining, and the Feedback Loop to Earth Exploration
08:50-09:10	Kejie Chen	Professor, Southern University of Science and Technology	GNSS for Tsunami Early Warning: From Source to Wave
09:10-09:30	Rafał Sieradzki	Associate Professor, University of Warmia and Mazury in Olsztyn	The Quality Assessment of Smartphone-Derived GNSS Measurements: Raw Data and Geometry-Free Combination Test
09:30-09:50	Lei Liu	Professor, Wuhan University	Ionospheric Responses Driven from Above and Below Using Ground-Based and Space-Borne GNSS Observations
09:50-10:10	Dawid Łukasz Kwaśniak	Research Assistant, University of Warmia and Mazury in Olsztyn	Relative GNSS Positioning with Carrier-Phase Observations from Modern Smartphones
10:30-10:50	Qiujie Chen	Professor, Tongji University	Enhanced Recovery of Monthly Gravity Field from GRACE/GRACE-FO: Development and Assessment of Tongji-Grace2026
10:50-11:10	Tao Jiang	Professor, Chinese Academy of Surveying and Mapping	A Degree-10800 Global Gravity Field and Regional Geoid Modeling
11:10-11:30	Vagner Ferreira	Professor, Hohai University	The Geodesy of Groundwater
11:30-11:50	Shuang Yi	Associate professor, University of Chinese Academy of Sciences	Tracking Hurricane-Induced Water Storage Changes Using GRACE and GRACE-FO Measurements