



中国科学院地球动力学重点实验室

DEEP-2024

International Symposium on Deep Earth Exploration and Practices

Beijing, CHINA
from 22 to 24 October 2024

<http://deep2024.sinoprobe.org>



DEEP-2024 Web Site



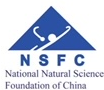
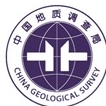
Hosts

- China Geological Survey of the Ministry of Natural Resources of China
- National Nature Science Foundation of China

Sponsors

- SinoProbe Laboratory, Chinese Academy of Geological Sciences (SinoProbe Lab.)
- International Union of Geological Sciences
- International Lithosphere Program
- International Continental Scientific Drilling Program
- American Geophysical Union Seismology Section
- Deep-Time Digital Earth IUGS Big Sciences Program
- The Helmholtz Centre Potsdam - GFZ German Research Centre for Geosciences

- Institut de physique du globe de Paris
- China National Committee for International Geoscience Program
- State Key Laboratory of Lithospheric Evolution (CAS)
- State Key Laboratory of Isotope Geochemistry (CAS)
- State Key Laboratory for Mineral Deposits Research (NU)
- State Key Laboratory of Geological Process and Mineral Resources
- (CUGB) State Key Laboratory of Continental Dynamics (NWU)
- State Key Laboratory of Earthquake Dynamics



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Cross-cutting Themes and Synergies



Collaborative Multidisciplinary Research

Topics:

- Session 1: Quo Vadis? Critical unexplored regions of Earth
- Session 2: Deep structure and dynamics of Himalaya-Tibet
- Session 3: Deep structure and evolution of Eurasia
- Session 4: Dynamics of intracontinental deformation
- Session 5: Cratons and their margins
- Session 6: Crust-mantle interaction
- Session 7: Surface processes in response to deep earth dynamics
- Session 8: Lithospheric architecture, deep earth material probing, and metallogensis
- Session 9: 3D delineation and predictive models of metallogensis through time
- Session 10: Earthquake Hazards 1: Before the earthquake: predicting, forecasting, alerting
- Session 11: Earthquake Hazards 2: After the earthquake: rapid response
- Session 12: Continental scientific drilling: Challenges and opportunities
- Session 13: Developments in dense array seismology
- Session 14: Electromagnetic geophysics
- Session 15: Natural hydrogen: New geological energy
- Session 16: SinoProbe-II, the next great geosciences voyage
- Session 17: Join the "China Deep Earth Science and Technology", SinoProbe Lab. Talent Boost Program

