



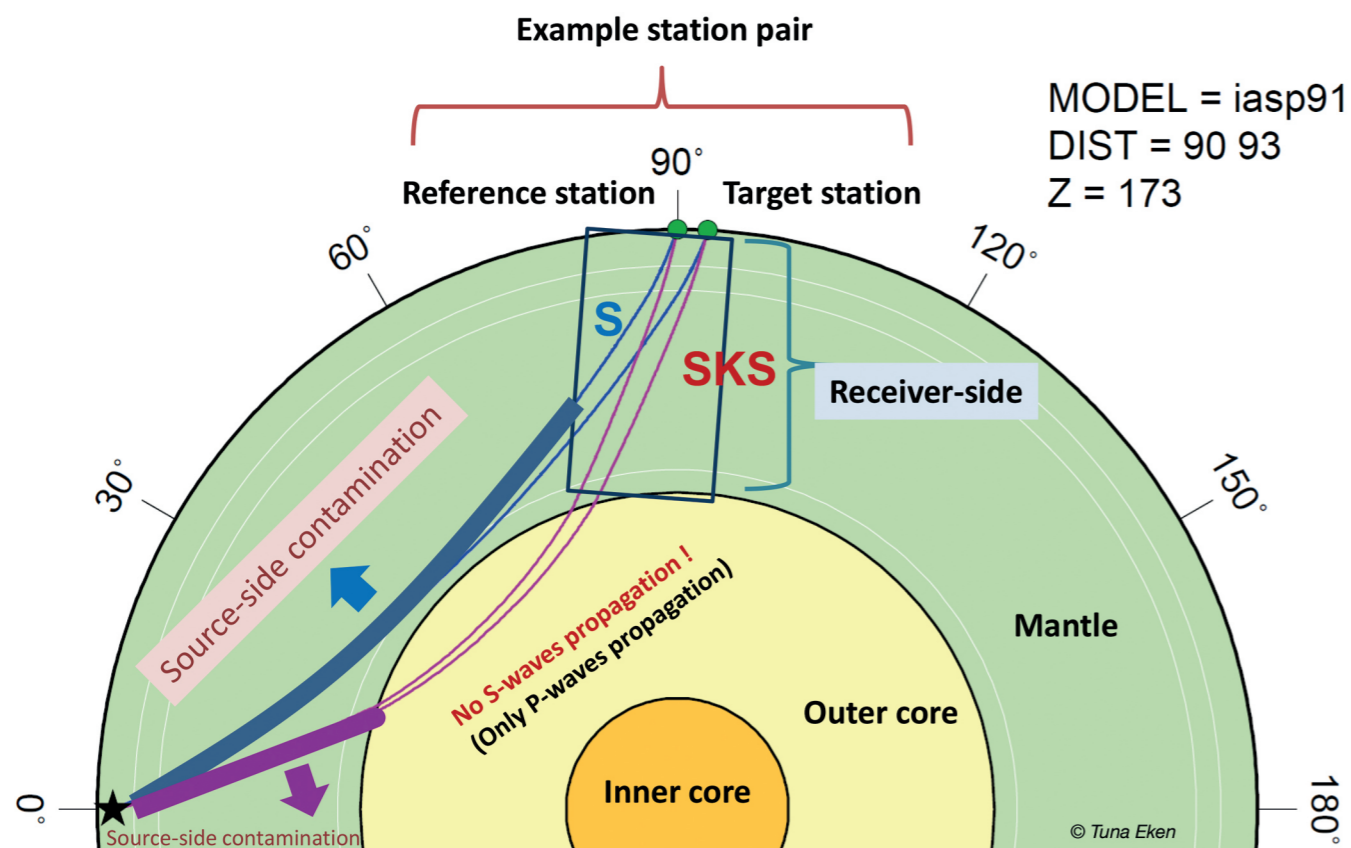
INTERNATIONAL WORKSHOP ON Seismological Grand Challenges in Understanding Earth's Dynamic System

Unterstützt von / Supported by



Alexander von Humboldt
Stiftung/Foundation

MONDAY - 24 NOVEMBER 2014 İHSAN KETİN CONFERENCE HALL



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|---------------|---|
| 09:00 – 09:30 | WELCOME REFRESHMENTS |
| 09:30 – 10:00 | OPENING REMARKS |
| 10:00 – 10:45 | Barbara Romanowicz, Berkeley, U.S.A.
Global Mantle Tomography in the Era of Numerical Wave-Field Computations |
| 10:45 – 11:30 | Gillian Foulger, Durham, U.K.
Plates vs Plumes: A Geological Controversy |
| 11:30 – 12:15 | Heiner Igel, LMU-Munich, Germany
What Can We Learn from Rotational Ground Motions? |
| 12:15 – 13:00 | Nicholas Rawlinson, Aberdeen, U.K.
On the Origins of Intra-Plate Volcanism: A Seismic Perspective |
| 13:00 – 14:00 | LUNCH-BREAK |
| 14:00 – 14:45 | Andreas Fichtner, ETH-Zurich, Switzerland
Multi-Scale Full Waveform Inversion |
| 14:45 – 15:30 | Mark R. Handy, Freie Universitaet, Berlin, Germany
The Seismological Array Project in the Alps (AlpArray) |
| 15:30 – 15:45 | TEA-COFFEE-REFRESHMENTS |
| 15:45 – 16:30 | Frederik Tilmann, GFZ-Potsdam, Germany
Studying Subduction Zones with Seismology and Geodesy |
| 16:30 – 17:00 | Erdoğan Saygın, ANU, Canberra, Australia
Seismic Structure of the Lithosphere of Indonesia-Australia Region |
| 17:00 – 17:30 | Tim Wright, Leeds, U.K.
Earthquake Cycle Deformation and the Deep Structure of the North Anatolian Fault |
| 17:30 – 18:00 | Tuna Eken, GFZ-Potsdam, Germany
The Use of Direct Shear Waves in Quantifying Seismic Anisotropy |
| 18:00 – 18:15 | CLOSING REMARKS |

IN MEMORY OF PROF. DR. KÂZİM ERGİN

**40th ANNIVERSARY YEAR OF THE FOUNDATION OF
DEPARTMENT OF GEOPHYSICAL ENGINEERING
THE FACULTY OF MINES
ISTANBUL TECHNICAL UNIVERSITY, TURKEY**