



**Alexander von Humboldt**  
Stiftung/Foundation



**Leopoldina**  
Nationale Akademie  
der Wissenschaften

# Networked Challenges

## Tectonics - Megacities - Urban Planning

### 1<sup>st</sup> German-Turkish Science Dialogue

Joint initiative of the German National Academy Leopoldina  
and the Alexander von Humboldt Foundation

Friday, 24<sup>th</sup> October 2014 | 13:30 - 18:30 h  
Istanbul Technical University (İstanbul Teknik Üniversitesi)  
Faculty of Architecture | Conference Amphitheatre | Taşkılla Campus  
34743 Beyoğlu | Istanbul | Turkey



Courtesy of the European Space Imaging/DLR

### The “United Plates of Europe”: Geodynamic Evolution and Historical Consequences

Professor Dr Wolfgang Franke (Goethe-University of Frankfurt/Main)

### Earthquakes and Rocks, and their Lessons for the Society in Turkey

Professor Dr Ali M. Celâl Şengör (Istanbul Technical University)

### Orogeny, with Special Emphasis on Anatolia

Professor Dr Aral I. Okay (Istanbul Technical University)

### Future Megacities

Professor Dr Frauke Kraas (University of Cologne)

### Role of Sustainability in Urban Planning of Megacities: Opportunities and Challenges for Sustainable Building Materials

Professor EngD Thomas Gries, Dr Udiyasinh Gohil (RWTH Aachen University)

### “Initiate”: A Research Based Practice in Istanbul

Selva Gürdoğan, Gregers Tang Thomsen (Superpool Istanbul)

### Moderation

EngD Bayram Aslan (RWTH Aachen University)

<b>13:30 - 14:00</b>	Official opening   Introductory statements
<b>14:00 - 15:00</b>	Lectures
<b>15:00 - 15:30</b>	Break and networking opportunity
<b>15:30 - 17:00</b>	Lectures
<b>17:30 - 18:00</b>	Break and networking opportunity
<b>18:00 - 18:30</b>	Lectures   Wrap-up discussion

Participation is free of charge and open to everyone interested.

www.leopoldina.org  
www.humboldt-foundation.de  
www.itu.edu.tr

On the occasion of



Deutsch-Türkisches Jahr der  
Forschung, Bildung und Innovation 2014  
Türk-Alman Araştırma,  
Eğitim ve İnovasyon Yılı 2014

In cooperation with

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