

INTERNATIONAL SYMPOSIUM ON BORON, BORIDES AND RELATED MATERIALS

17th

ISBB

2011

11-17 SEPTEMBER

istanbul

Türkiye

First Announcement

In 2011, the ISBB 17 conference will be coordinated and hosted jointly by the Istanbul Technical University, Republic of Turkey Ministry of Energy and Mineral Sources and National Boron Research Institute (BOREN). We anticipate more than 200 attendees comprised of scientists (physics, chemistry, metallurgy and materials science, mining etc.), engineers and government agencies.

We would like to see you in Istanbul, which is a city that straddles two continents and the meeting point of the cultures of east and west.

Scientific Program

The symposium will integrate both basic and applied interdisciplinary researches on Boron, Borides and Related Materials. The conference language will be in English. Oral and poster contributions are invited in following areas:

- **Preparation of New Materials** (single crystals, thin films, nanopowders, ceramics, coatings, glasses, composites, biopolymers etc.) in normal and extreme conditions (super-high pressure, ultracentrifuging, microgravity).
- **Crystal Structure and Chemical Bonding** (nonstoichiometry, defects, clusters, quantum-chemical calculations).
- **Physical and Chemical Properties** (band structure, phonon spectra, superconductivity, optical, electrical, magnetic, emissive, mechanical properties, phase diagrams, thermodynamics, catalytic activity etc.) in a wide range of temperature and pressure.
- **Applications and Prospects** (memory elements, thermoelectric converters, composites, ceramics, coatings, biomedicine etc.).



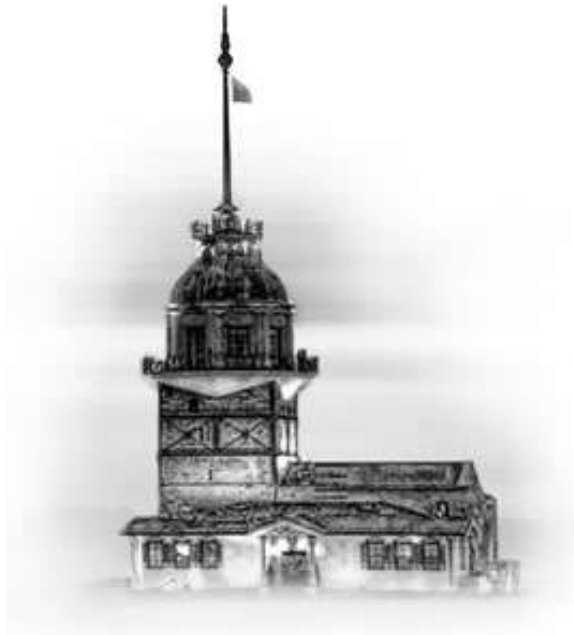
Proceeding and Accommodation

Further information will be available soon at ISSB2011 website www.isbb2011.com

Location

The symposium will be held in Istanbul.





Organizing Committee

- Onuralp Yücel, (ITU)
- Filiz Çınar Şahin, (ITU)
- Bora Derin, (ITU)
- Şeref Sönmez, (ITU)
- Orhan Yılmaz, (ETİ Mine)
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- Ziya Burhanettin Güvenç, (Cankaya Uni.)
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