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Government of Sverdlovsk Region



Ural State Pedagogical University (USPU)



Ural Federal University (UrFU)



Institute of Metallurgy of the Ural Branch of the
Russian Academy of Sciences (IMET UB RAS)



Ural Branch of the Russian Academy of Sciences



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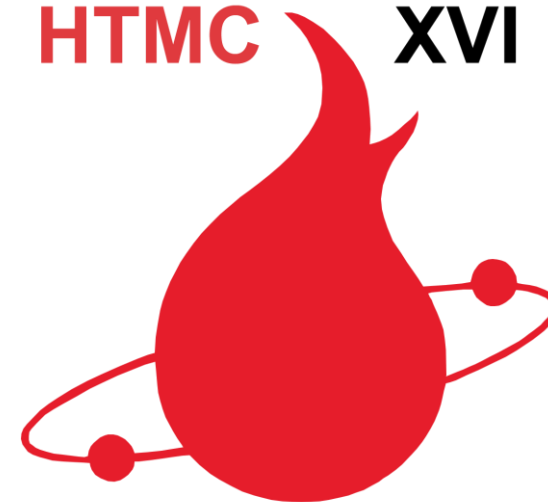
www.htmc16.ru

First Announcement

**XVI International IUPAC
Conference on**

**High Temperature
Materials Chemistry**

HTMC XVI



**2 – 6 July, 2018
Ekaterinburg, Russia**

SCOPE

The focus of the meeting will be to bring together people from different fields of chemistry, materials science, earth and planetary science, and metallurgy studying high temperature phenomena in solid and liquid materials.

HISTORY

HTMC-XVI will be the 16th meeting in a series of conferences held every two to four years since 1977. Previous events were organized in France (Odeillo, 1977; Orleans, 1991; 2016); Canada (Toronto, 1979); UK (Harwell, 1981); USA (Santa Fe, 1984; Gaithersburg, 1989; University Park, 1997; Davis, 2009); Italy (Rome, 1987); Austria (Vienna, 1994; 2006); Germany (Julich, 2000); Japan (Tokyo, 2003); China (Beijing, 2012).

KEY DATES

Start of abstract submission	November 1, 2017
Deadline of abstract submission	January 30, 2018
Abstract acceptance notification	February 15, 2018
End of early bird registration	May 20, 2018
Final scientific program	June 20, 2018

MAIN TOPICS

- ✓ High temperature thermodynamic measurements
- ✓ Theory and modeling of high temperature materials
- ✓ Melts, ceramics, glasses and amorphous materials
- ✓ Transport, ionic and electronic conductivity, grain boundaries, interfaces and surfaces
- ✓ Phase structure and metallurgical processes, corrosion
- ✓ Earth and planetary materials at high pressures and temperatures
- ✓ Materials for nuclear energy applications
- ✓ Materials for aerospace applications
- ✓ Materials for advanced sources of energy

PRESENTATION

The conference will consist of plenary (40 min.) and invited (30 min.) lectures as well as oral (20 min.) and poster contributions. The classical size of the poster, A0, will be perfect. The working language of the conference will be English.

PUBLICATION

The Book of Abstracts will be published by the beginning of the Conference. After the conference, publication of the Proceedings volume indexed in ISI Web of Knowledge is planned.

VENUE

Ekaterinburg (often spelled as Yekaterinburg) is located in the Urals, at the Europe – Asia geographic border. It is one of the leading industrial, cultural and political centers of Russia with the population of about 1.5 million people. Ekaterinburg is connected by direct flights with many cities of Europe and Asia. Besides, it can be easily reached from Moscow (approx. 2 hr) and St. Petersburg (approx. 2.5 hr).

For details see

http://www.ekburg.ru/english_version/

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