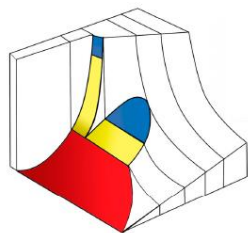


# 22<sup>nd</sup> International Conference on Chemical Thermodynamics in Russia



**RCCT 2019**



**Saint Petersburg, Russia  
June 19-23, 2019**

***First Circular  
Call for Abstracts***

**Saint Petersburg State University  
Ministry of Science and Higher Education  
Kurnakov Institute of General and Inorganic Chemistry of  
the Russian Academy of Sciences  
Russian Academy of Sciences  
The Mendeleev Russian Chemical Society**

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**REGISTRATION, SUBMISSION of ABSTRACTS and more information:**

<http://rcct2019.spbu.ru>

**DEADLINES**

**Abstract submission: January 15, 2019**

**Notification of acceptance: February 15, 2019**

**REDUCED FEE: March 15, 2019**

**Visa application: April 1, 2019**

**CONFERENCE FEE** (incl. welcome reception, participant kit with proceedings & coffee breaks, 4 lunches June 20-23)

**Technical participant** ~150 EUR

**PhD student:** ~110 EUR

**Accompanying person:** ~80 EUR

**LOCATION**

**Saint Petersburg State University**

**CONTACTS:**

**e-mail: [rcct2019@spbu.ru](mailto:rcct2019@spbu.ru)**

**Executive manager**

**Radmila V. Smirnova** [r.smirnova@spbu.ru](mailto:r.smirnova@spbu.ru),  
+7 812 363 60 44, cell +7 911 247 63 74

**Scientific Secretariat**

**Igor V. Prikhodko**

**Evgenia A.Safonova**

Address of organizing committee:

Institute of Chemistry

St.Petersburg State University

26, Universitetsky prosp.,

St.Petersburg, 198504, RUSSIA

Phone: +7 812 428-67-39

**E-mail:** [i.prikhodko@spbu.ru](mailto:i.prikhodko@spbu.ru)

[e.a.safonova@spbu.ru](mailto:e.a.safonova@spbu.ru)

**SCOPE: ALL TOPICS IN CHEMICAL THERMODYNAMICS, INCLUDING**

- **Thermodynamic Properties and Models**
- **Molecular and Statistical Thermodynamics**
- **Experimental Techniques and Data Bases**
- **Phase Equilibria**
- **Transport Properties**
- **Thermodynamics of Surface Phenomena**
- **Self-Organization**
- **Petroleum Fluids**
- **Supercritical Fluids**
- **Ionic Liquids**
- **Nanomaterials**
- **Polymer Systems**
- **Biochemical Systems**

**TENTATIVE SECTIONS AND PROGRAM COMMITTEE**

**Sec 1 Development of General Methods and Tools of Chemical Thermodynamics: New Experimental Techniques, Theory and Computer Simulation** (Michael G Kiselev, Sergei I. Lopatin, Valentina L. Stolyarova, Igor Yu. Gotlib, Vladimir V. Sizov, Andrey A. Pimerzin)

**Sec 2 Thermodynamics of Liquids, Fluid Mixtures, and Phase Equilibria** (Irina A. Uspenskaya, Arkady M. Kolker, Andrey K. Lyashchenko, Vladimir A. Durov, Igor V. Prikhodko)

**Sec 3 Thermochemistry and Databases** (Konstantin S. Gavrichev, Edward Maginn, Sergey P. Verevkin, Irina A. Zvereva, Alexander V. Knyazev, Natalia N. Smirnova)

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**Sec 5 Thermodynamics of Functional Materials and Engineered Self-Assembly** (Alexey I. Victorov, Alexander M. Toikka, Konstantin N. Mikhelson, Evgenia A. Safonova, Ilya V. Kopanichuk)

**Special Session "100 Years from Birthday of Acad. Mikhail M. Schulz"** (Valentina L. Stolyarova and Alexander M. Toikka)

**Key Lectures**

Thermodynamics and Kinetics of Biochemical and Chemical Reactions, **Gabriele Sadowski**, Dortmund Technical University, Germany

Aqueous Solutions for a Circular Economy, **Joao Coutinho**, University Aveiro, Portugal

Phase Equilibria in Reactive Biocatalytic Processes, **Irina Smirnova**, Hamburg-Harburg University, Germany

Modified Poisson-Boltzmann Equations with Explicit Account of Polarizable Impurities in the Context of Electric Double Layer Theory, **Yuri Budkov**, Higher School of Economics, ISC RAS, Russia

Mesoscopic Non-Equilibrium Thermodynamics of Organic Liesegang Rings, **Ekaterina V. Skorb**, ITMO University, Russia

Thermochemistry of Water Vapor/Refractory Oxide Reactions at Elevated Temperatures, **Nathan Jacobson**, NASA, USA

Free Energy Calculation and Local Structure: Mixing Two Liquids in Computer Simulation, **Abdenacer Idrissi**, Lille University, France

Thermodynamics of Fluid Polyamorphism, **Mikhail Anisimov**, University of Maryland, USA

**AWARDS**

junior poster awards