

3rd ANNOUNCEMENT

Symposium “The Periodic Table through Space and Time”
September 9-13 of 2019, Saint-Petersburg (Russia)

Dear Colleagues,

the Organizing Committee of the Mendeleev Congress **prolonged** submission of Registration forms and abstracts **up to April 14, 2019**.

On behalf of the SOC we are pleased to invite academic and university researchers, postgraduate students, and students to participate in the Symposium “The Periodic Table through Space and Time”. For the online registration please go to <http://mendeleev2019.ru/index.php/en/>.

The guidelines and abstract template can be found on the Congress website page <http://mendeleev2019.ru/index.php/en/abstractsm>

For questions related to the Symposium, you may contact with us via e-mail: mendeleev150@inasan.ru

We kindly ask to transfer this information to interested researchers.

With this message we send the list of invited talks at our Symposium.

Astrochemistry

- L. Decin, Unravelling dust nucleation in astrophysical media using a self-consistent, non-steady state, non-equilibrium polymer nucleation model for AGB stellar winds (keynote)
- M. Drozdovskaya, Ingredients for Solar-like Systems (invited)
- M. Ohishi, Astrochemistry towards Seeds of Life (invited)
- V. Shematovich, SUPRATHERMAL ATOMS AND MOLECULES IN ASTROCHEMISTRY (invited)
- A. Vasyunin, tbd (invited)

Big Bang Nucleosynthesis and Nucleosynthesis in Stars

- A. Coc, Big bang nucleosynthesis (keynote)
- A. Karakas, tbd (invited)
- M. Limongi, tbd (invited)
- K. Nomoto, Supernova Explosions of First Stars and their Nucleosynthesis (invited)
- I. Panov, Nucleosynthesis of heavy elements in extremely neutron-rich environments (invited)
- S. Rosswog, Neutron star mergers as sources of heavy elements (invited)

Chemical Evolution of the Universe: Observations and Models

- C. Chiappini, tbd (keynote)
- P. Bonifacio, The build-up of chemical elements through cosmic time: observations in the local Universe (invited)
- C. Kobayashi, The origin of Elements - astrophysicists' view (invited)
- L. Mashonkina, NLTE SPECTROSCOPY OF METAL-POOR STARS (invited)
- N. Prantzos, tbd (invited)

Elemental abundances: a key to stellar physics

- C. Charbonnel, THE CHEMICAL PECULIARITIES OF MULTIPLE STELLAR POPULATIONS IN GLOBULAR CLUSTERS – CONSTRAINTS FROM/FOR NUCLEAR ASTROPHYSICS (keynote)
- N. Przybilla, Elemental abundances from massive stars: the present-day chemical composition of the local Milky Way (invited)

G. Tautvaisiene, Carbon and nitrogen as probes of mixing processes in giant stars (invited)
S. Van Eck, Binary stars as fossils of past nucleosynthesis (invited)
H.-L. YAN, The lithium-rich giants and their origin (invited)

We are looking forward to seeing you in Saint-Petersburg!

Ewine van Dishoeck, Boris Shustov