

Webinar Program

Word of introduction:

Academician Gheorghe Duca, Head, Center of Inorganic and Physical Chemistry, *Moderator*.

Academician Ion Tiginyanu, President, Academy of Sciences of Moldova

Doctor Habilitat Aculina Aricu, Director, Institute of Chemistry.

Webinar Speakers:

1. I. B. Bersuker (Institute of Chemistry ASM, University of Texas, Austin, USA), **Spontaneous Symmetry Breaking as a Law of Nature** (20 min.)
2. V. Polinger (University of Washington, Seattle, USA), **70 years in Pursuit of Scientific Truth** (20 min.)
3. N. Gorinchoy (Institute of Chemistry, Moldova), **Pseudo Jahn-Teller Effect in Transition States of Redox Processes** (10 min.)
4. L. Chibotaru (Leuven University, Belgium), **Dynamic Vibronic Order and Emergent Magnetism in Cubic d^1 Double Perovskites** (10 min.)
5. Yang Liu (Harbin Institute of Technology, Harbin, China), **Pseudo Jahn-Teller Effect in Photochemistry and Catalytic Activity** (10 min.)
6. S. Stavrov (Tel-Aviv University, Israel), **The Infrared Absorption Band of the Coordinated Carbon Monoxide as a Probe of Structure and Dynamics of Heme Proteins** (10 min.)
7. P. Garcia-Fernandez (Cantabria University, Spain), **Jahn-Teller and Pseudo Jahn-Teller Effects in Excited states: Hidden-Jahn-Teller Effect and Vibronic Spin-Crossover** (10 min.)
8. N. S. Averkiev (Physical-Technical Institute, St.Petersburg, Russia), **Jahn-Teller Effect in Semiconductors** (10 min.)
9. Hiro Koizumi (University of Tsukuba, Japan)
Jahn-Teller Effect, Berry Phase, and Superconductivity (10 min.)