



Announcement

The Institute of Chemistry of the Moldova State University and the Academy of Science of Moldova invite you to a **Webinar** entitled: **Spontaneous Symmetry Breaking and Jahn-Teller Effects, dedicated to the 95th birthday of Academician Isaac BERSUKER**

To be held on February 10, 2023, at 16:00 pm (Chisinau time) in a hybrid way (*face-to-face and online*)

Webinar Program

Word of introduction:

Academician Gheorghe DUCA, Head, Center of Inorganic and Physical Chemistry, Institute of Chemistry, Moldova State University. *Moderator.*

Academician Ion TIGINYANU, President, Academy of Sciences of Moldova

Doctor habilitate Aculina ARICU, Director, Institute of Chemistry, Moldova State University.

Webinar Speakers:

1. **I. B. Bersuker**, Institute of Chemistry, Moldova State University, 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 State University, Republic of 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 D¹ 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)

Venue:

1, Stefan cel Mare si Sfanta bd., Academy of Sciences of Moldova, Blue Hall

For remote connection, the following link is available:

<https://us02web.zoom.us/j/88194508246?pwd=UTZLRmdYZVJZeWVJZDBOZHNGNmVXQT09>

- 1) The video record of the *presentations* will be available online during 30 days after the Webinar.
- 2) Presented in papers, the authors reports will be published in “*Chemistry Journal of Moldova*”.