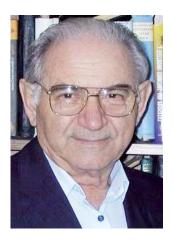
Webinar SPONTANEOUS SYMMETRY BREAKING AND JAHN-TELLER EFFECTS

Dedicated to the 95th birthday of *Academician Isaac BERSUKER*

February 10, 2023, at 16:00 pm (Chisinau time) in a hybrid way

Ştefan cel Mare şi Sfânt bd., Academy of Sciences of Moldova, Blue Hall https://us02web.zoom.us/j/88194508246?pwd=UTZLRmdYZVJZeWVJZDBOZHRGNmVXQT09



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
- 3. **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)
- 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)
- L. Chibotaru, Leuven University, Belgium
 DYNAMIC VIBRONIC ORDER AND EMERGENT MAGNETISM IN CUBIC D¹ DOUBLE PEROVSKITES (10 min)
- 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-JAHNTELLER 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)