

The 5th International Conference on „Collective Motion in Nuclei under Extreme Conditions (COMEX5)” will be held in Krakow, Poland, between 14th – 18th of September 2015 (see <http://comex5.ifj.edu.pl>). The major topics of the conference includes giant resonances in cold and hot nuclei, collective, multi-phonon and new excitations modes, spin and isospin modes and clustering and pairing effects in excitations. The important subjects of the conference includes also novel methods and novel instrumentation together with the presentation of the new facilities. Last but not least the program of the conference comprise the session devoted to applications of nuclear physics in astrophysics.

The COMEX conference is recognized as the most important conference devoted to the collective excitations of atomic nucleus. Its previous editions of the conference were organized in France, Germany, United States and in Japan.

Besides the scientific aspects of the COMEX conference, its educational role is of no less importance. During the first day of the event the most distinguished scientists in the field would provide a pedagogical introduction to the major themes of the conference. This didactical session would include the following lectures:

- „Challenges in low-energy nuclear physics”, by Witold Nazarewicz (Michigan State University / University of Warsaw)
- “Collective excitations in atomic nuclei”, by Muhsin Harakeh (KVI Groningen)
- “Experimental studies of few-body interactions”, by Stanisław Kistryn (Jagiellonian University)
- “Nuclear astrophysics”, by Baha Balantekin (University of Wisconsin-Madison)
- “Dynamical symmetries”, by Richard Casten (Yale University)
- “Nuclear physics for medicine – hadron therapy”, by Paweł Olko (IFJ PAN Kraków)

The session, organized at the 14th of September 2015 (15:00 – 19:00) will be open to the public and is particularly addressed to the undergraduate and graduate students of physics. The participation does not require previous registration to the conference.

We believe that the session will be the very interesting introduction to the modern aspects of nuclear structure physics, delivered at the highest international level. For more information please see the conference website: <http://comex5.ifj.edu.pl>.

We also invite you to registration and participation in the entire COMEX5 conference.

The conference is organized by the Institute of Nuclear Physics of Polish Academy of Sciences and co-organized by the Jagiellonian University, AGH University of Science and Technology, University of Warsaw and Foundation for AGH. The meeting will take place at AGH Campus. Please do not hesitate to contact us in case of any questions: comex5@ifj.edu.pl.

Yours faithfully,
Professor Adam Maj
Chairman of the COMEX5 Conference