

The 5th international conference on
**"COLLECTIVE MOTION IN NUCLEI
UNDER EXTREME CONDITIONS"**



September 14-18, 2015 Kraków, Poland

1st Circular and Call for Abstracts

9th of March, 2015

We are pleased to announce that the forthcoming 5th International Conference on Collective Motion in Nuclei under Extreme Conditions (COMEX5) will be held in Kraków, Poland, from September 14th (Monday) afternoon until September 18th (Friday) afternoon. The conference is organized by the Henryk Niewodniczański Institute of Nuclear Physics of the Polish Academy of Sciences (IFJ PAN) in Kraków and coorganized by the Jagiellonian University in Kraków, AGH University of Science and Technology in Kraków, University of Warsaw and Foundation for AGH.

Details and updated information can be found on the conference website at: <http://comex5.ifj.edu.pl>

Scientific program:

The main topics of COMEX5 conference are:

- Giant resonances in cold and hot nuclei,
- Collective and new excitation modes in nuclei,
- Spin and isospin modes,
- Multi-phonon excitations, clustering and pairing effects in excitations,
- Studies of the decay of highly excited states,
- Applications in astrophysics,
- Novel instrumentation and novel methods,
- New facilities.

The daily schedule of the conference will be composed of invited talks (duration of ca. 30 minutes) and selected contributed seminars (duration of 15 minutes) in the morning and afternoon topical sessions. The dedicated poster session will take place on Tuesday afternoon and will play a key role in the presentation and discussion of forefront research.

The conference will take place at the Campus of The AGH University of Science and Technology, at Reymonta Street, a short 15-minute walk from the Old Town.

No proceedings will be published. The presentations delivered during the conference will be published online on the conference webpage.

Special Session

The conference will start on 14th of September (Monday) afternoon with a special session consisting of Key-note introductory talks presented by distinguished scientists. The session is addressed both to students and younger scientists as well as to all COMEX5 participants. It will provide an overview of some of the major topics of the conference to the broader audience, in a more instructive way.

Invited Speakers

Naftali Auerbach (Tel Aviv)	Stanisław Kistryn (UJ Kraków)
Sonia Bacca (TRIUMF)	Attila Krasznahorkay (Debrecen)
Baha Balantekin (Wisconsin-Madison)	Haizhao Liang (RIKEN)
Sudhee R. Banerjee (Kolkata)	Ismael Martel (Huelva)
Didier Beaumel (IPN Orsay)	Indranil Mazumdar (TIFR Mumbai)
Roelof Bijker (ICN-UNAM Mexico)	Chiara Mazzocchi (UW Warszawa)
Konstanze Boretzky (GSI)	Jie Meng (Beijing)
Angela Bracco (Milano)	Witold Nazarewicz (MSU/UW Warszawa)
Richard Casten (Yale)	Paweł Olko (IFJ PAN Kraków)
Michał Ciemala (IFJ PAN Kraków)	Nils Paar (Basel/Zagreb)
Gianluca Colo (Milano)	Paul-Gerhard Reinhard (Erlangen)
Anna Corsi (Saclay)	Gencho Rusev (Los Alamos)
Nguyen Dinh Dang (RIKEN/Hanoi)	Domenico Santonocito (LNS Catania)
Jacek Dobaczewski (UW Warszawa)	Masaki Sasano (RIKEN)
Bogdan Fornal (IFJ PAN Kraków)	Deniz Savran (GSI)
Dieter Frekers (Muenster)	Haiko Scheit (TU Darmstadt)
Yoshitaka Fujita (Osaka)	Noritaka Shimizu (Tokyo)
Sydney Gales (IPN Orsay/Bucharest)	Artemis Spyrou (MSU)
Magne Guttormsen (Oslo)	Atsushi Tamii (Osaka)
Muhsin Harakeh (Groningen)	Thomas Roger (GANIL)
Mikhail Itkis (JINR Dubna)	Calin A. Ur (Bucharest)
David Jenkins (York)	Mikhail Urin (Moscow)
Nasser Kalantar-Nayestanaki (Groningen)	Marine Vandebrouck (GANIL)
Elias Khan (IPN Orsay)	Yanlin Ye (Beijing)

Honorary Organizing Committee

Marek Jeżabek - Director General of the Institute of Nuclear Physics Polish Academy of Sciences (IFJ PAN), Kraków
Zbigniew Kąkol – Vice-Rector of the AGH University of Science and Technology, Kraków
Marta Kicińska-Habior – Vice-Rector of the University of Warsaw (UW), Warszawa
Stanisław Kistryn – Vice-Rector of the Jagiellonian University (UJ), Kraków

International Advisory Committee

Thomas Aumann (TU Darmstadt, Germany)	Adam Maj (IFJ PAN Kraków, Poland)
Faical Azaiez (IPN Orsay, France)	Witold Nazarewicz (MSU, USA/UW Warszawa, Poland)
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Sydney Gales (IPN Orsay, France/ Bucharest, Romania)	Paul Stevenson (Surrey, UK)
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Muhsin Harakeh (Groningen, The Netherlands)	Dario Vretenar (Zagreb, Croatia)
Dao Tien Khoa (Hanoi, Vietnam)	Remco G.T. Zegers (MSU, USA)
Attila Krasznahorkay (Debrecen, Hungary)	Shan-Gui Zhou (Beijing, China)
Marek Lewitowicz (GANIL, France)	Andreas Zilges (Koeln, Germany)

Social events

The welcome cocktail will take place in the evening of the first day of the conference (14th of September) and will be served at [Collegium Maius](#), the historical building of the Jagiellonian University. The excursion to the [Wieliczka Salt Mine](#) will take place on Thursday, 17th of September in the afternoon and will be followed in the evening by a conference dinner in a traditional restaurant.

Call for abstracts:

Authors willing to present a contributed seminar or a poster are encouraged to submit a short abstract. The subject of the presentation must be within the scope of the conference. Deadline for submission of abstracts is **May 1st, 2015**. Please use the abstract templates available through the conference webpage.

A selection panel will review abstracts of contributions for oral and poster presentations. Authors of selected papers will be notified by **June 1st, 2015**. Time allocated for a contributed seminar will be 12 minutes plus 3 minutes for discussion. Posters will be presented in a dedicated poster session.

Conference fees:

Cost of participation is **250 euros** if paid before **June 30th, 2015**. After this date an **extra charge of 50 euros** applies. The deadline for registration and payment is **August 15th, 2015**.

The cost of participation covers:

- conference materials,
- coffee breaks and lunches (from Tuesday until Friday)
- social events including welcome cocktail, excursion and conference dinner

The conference fee for an accompanying person is 80 euros and covers the welcome cocktail, excursion and conference dinner.

Please note that the conference fee does not cover accommodation. A list of recommended hotels in which rooms has been pre-reserved at a special prices for conference participants is available at the conference webpage. In addition, a number of low-cost single and double rooms in the students dormitory located at a 15 minutes' walk from the conference site is also available for online reservation during the registration.

Registration and payment:

The registration to the conference is open. Please register to the conference through the [conference webpage](#). Deadline for registration is **August 15th, 2015**. A variety of payment methods including online credit card payment are available.

Important dates:

Abstract submission:	May 1 st , 2015
Speakers notified:	June 1 st , 2015
Registration:	August 15 th , 2015
Early payment:	June 30 th , 2015
End of registration:	August 15 th , 2015

Contact:

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On Behalf of Local Organizing Committee,

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Maria Kmieciak - co-chair

Kasia Mazurek - managing director

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