

The content of this volume brings papers presented on the 5th All-Polish Conference on Radiochemistry and Nuclear Chemistry which was held in Kraków-Przegorzały, Poland, on May 24–27, 2009. The Conference was co-organized by the two nuclear institutes operating in Poland: the Institute of Nuclear Chemistry and Technology (Warszawa) and the Henryk Niewodniczański Institute of Nuclear Physics PAN (Kraków). The Conference gathered near eighty participants.

During three working days of the Conference, seven plenary sessions and one poster session were held. Participants of the Conference heard out six lectures, twenty four communications and discussed in the front of thirty eight posters. Abstracts of all presentations submitted to the Conference were published in the Abstract Book (ISBN-978-83-909690-9-1) distributed to the participants both in the printed and electronic forms. The Scientific Committee (Chairman: Dr Barbara Petelenz), classified the contributions in the following topical groups:

- chemistry of radioactive elements,
- isotopic effects,
- radioanalytical methods,
- radionuclides in the environment,

- radiopharmaceuticals,
- radionuclides in the investigations of chemical reactions,

13 papers submitted by the authors to “Nukleonika” and approved by reviewers were accepted for publication in the present volume. Editorial Board of the Journal suggests that all detailed questions concerning particular papers should be sent directly to the indicated authors or co-authors.

It is worth saying that the Conference was opened by the current President of the National Atomic Energy Agency – Prof. Michael Waligórski, and was closed with a very interesting lecture of the former President of the NAEA – Prof. Jerzy Niewodniczański (“Nuclear energetics in Poland”).

Similarly a previous meetings, the Conference appeared to be a good occasion to establish new contacts and to add a number of new activities related to the broad spectrum of topics within the interest of the participants. The idea of organizing such a Conference in the future was warmly accepted by most of the participants. Today, it may be said that the next Conference will be organized in 2012.



**Photo 1.** Opening ceremony of the 5th All-Polish Conference on Radiochemistry and Nuclear Chemistry.



**Photo 2.** The Benedictine Abbey at Tyniec.

Social programme of the Conference consisted of a night visit to the Benedictine Abbey at Tyniec (connected with a welcome reception and a short concert of the liturgical music) and of a grill reception.

Members of the Organizing Committee wish to express their deep thanks to Mrs. Katarzyna Szarłowicz, Mr Marcin Stobiński (Institute of Nuclear Physics) and

Mr Przemysław Koźmiński (Institute of Nuclear Chemistry and Technology) for fruitful collaboration.

*co-Chairmens of the Organizing Committee*

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