

Proceedings of the V National Conference
on Neutron Scattering and the Complementary Methods
in the Investigations of the Condensed Phases
Chlewiska, Poland, June 3–6, 2007

Editors of the Proceedings

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Organized by:

Institute of Chemistry of the University of Podlasie, Siedlce

Marian Smoluchowski Institute of Physics, Jagiellonian University, Kraków

Henryk Niewodniczański Institute of Nuclear Physics,

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Preface

This volume presents a selection of the works presented on the V National Conference on Neutron Scattering and the Complementary Methods in the Investigations of the Condensed Phases. This conference was organized by the Institute of Chemistry of the University of Podlasie, Siedlce, M. Smoluchowski Institute of Physics of the Jagiellonian University, Kraków, H. Niewodniczański Institute of Nuclear Physics, Polish Academy of Sciences, Kraków, and the Polish Neutron Scattering Society. It took place in Chlewiska near Siedlce from June 3 till June 6, 2007.

The aim of the conference is to provide a forum for scientists working in neutron science and complementary methods and to enhance the contacts between scientists from different research centres. The conference gathered 62 participants from 16 scientific institutions from 8 research centres: Białystok (1), Katowice (2), Kraków (25), Poznań (6), Siedlce (6), Świerk (9), Warszawa (8) and Wrocław (5) and there were 30 lectures presented.

The conference was dedicated to Professor Jerzy Janik on the occasion of his 80th birthday. Professor Janik was among the leaders who paid attention to the necessity of applying different mutually complementary experimental methods to obtain a complete picture of the studied physical phenomenon (structure, dynamics, phase transitions) in complex materials. This direction of the investigations was developed in collaborating institutions including neutron scattering, dielectric relaxation, calorimetric, magnetometric, and infrared and Raman spectroscopy. The National Conference on this subject is organized by Professor Janik's students and friends.

A very important philosophy of Professor Janik has always been to facilitate scientific and social contacts between established researchers, young scientists, and doctoral students to share their experience and art of knowledge. We were very pleased to have this great master of Polish physics among the participants of the conference.

The support of institutions and companies from Siedlce is kindly acknowledged. Thanks to their help, it was possible to organize the conference and make it both scientific and social success.

Special thanks are addressed to the staff of the Dom Pracy Twórczej "Reymontówka" in Chlewiska for nice atmosphere and professional service.

*Organizers of the Conference
and Editors of the Proceedings*