

Proceedings of the
3rd National Conference on Nanotechnology
NANO 2009

Warsaw, Poland, June 22–26, 2009

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Preface

The present issue of *Acta Physica Polonica A* contains selected papers presented at the 3rd National Conference on Nanotechnology *NANO 2009*. The Conference was held in Warsaw, Poland, in the five-day period from June 22 to June 26, 2009. It was accompanied by an exhibition of scientific instruments. The Conference was organized jointly by the Institute of Electron Technology, Institute of Physics of Polish Academy of Sciences, University of Warsaw, and Polish Vacuum Society.

The series of annual conferences, referred to as *NANO*, was initiated by Professor Marek Tłaczała and Professor Jacek Kossut two years ago. The 1st Conference was hosted by Wrocław University of Technology. The 2nd one was held in Cracow at 2008 and was chaired by Profesor Marek Szymoński. The last Conference, in Warsaw, was attended by almost 200 participants. The presentations included 6 plenary talks, 57 oral and 80 poster contributions. All papers in these proceedings were reviewed by distinguished colleagues after the conference and we owe them many thanks for their work.

The papers included in this issue are divided into eight parts, similarly as they were categorized during the Conference, i.e.:

- I. Plenary;
- II. Nanoelectronics;
- III. Nanophotonics;
- IV. Nanostructures;
- V. Nanotechnologies;
- VI. Nanotubes;
- VII. NanoBio;
- VIII. Novel experimental techniques.

The last section contains articles presenting in depth the experimental methods utilized by equipment exhibited during the Conference. This section could be arranged thanks to the hard work of exhibitors and enthusiasm of Dr. Ewa Papis-Polakowska. We greatly appreciate their contribution.

We would like to thank all members of the Program Committee for their work in the selection process of invited and contributed papers and setting up the scientific program of the Conference.

The next, 4th National Conference on Nanotechnology will be held in 2010 in Poznań. This meeting will be a great place to exchange scientific knowledge and enjoy the renaissance masterpieces of the Old Town. We wish success to the future organizers of conferences in the *NANO* series and hope they will enjoy organizing the meeting as much as we did in Warsaw.

Janusz Kaniewski
Warsaw, December 2009