



**EUROPEAN MATERIALS RESEARCH SOCIETY**

**FALL MEETING 2002**

**SYMPOSIUM C**

**INTERFACIAL EFFECTS AND  
NOVEL PROPERTIES OF NANOMATERIALS**

**14<sup>th</sup> –18<sup>th</sup> September 2002**

**at**

Faculty of Materials Science and Engineering  
Warsaw University of Technology

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and

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## **PREFACE**

The European Materials Research Society (E-MRS) a non profit scientific association founded in 1983 focuses on creating the synergy between interdisciplinary, innovative technologies; spreading and exchanging information and promoting technology transfer from public institutions to industry. The primary objective of E-MRS is to promote and enhance the efficiency of research in Europe in the field of Advanced Materials. E-MRS seeks to quickly inform researchers of the scientific and technological developments in their field of interest from the rest of the world through the society's links with other MRS societies belonging to the International Union (IUMRS). In addition the Society recognizes the importance of training young researchers and the E-MRS Meetings provide opportunities for bringing together young scientists and experts in the fields of materials research

In 2002 it was decided to start a series of fall meetings in Central Europe that will complement the well established spring meetings in Strasbourg. Poland was chosen as a location for the conference. This initiative will contribute to the development and broadening of the European Research Area.

The aim of the Symposium Interfacial Effects and Novel Properties of Nanomaterials was to review the progress in the understanding of the new properties, or the unusual combination of properties, in nanostructured materials with particular emphasis on interfacial effects. The present volume presents the contributions in the field of bulk nanocrystalline materials, with emphasis on their mechanics, thermodynamics and kinetics, nanocrystalline optoelectronic and photonic materials, characterisation of nanomaterials, synthesis of nanopowders, thin films and coatings, nanotubes and tips, and polymers. The volume is complemented with two contributions presenting the organization of nanomaterials research in Poland at the time of the conference,.

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