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FACULTY OF ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY,
SLOVAK UNIVERSITY OF TECHNOLOGY, BRATISLAVA

SLOVAK PHYSICAL SOCIETY

APPLIED PHYSICS OF CONDENSED MATTER * 2011 *

APCOM 2011

PROCEEDINGS

of the 17th International Conference on

APPLIED PHYSICS OF CONDENSED MATTER

June 22-24, 2011

Spa Nový Smokovec, High Tatras, Slovakia

under the auspices of

Milan Dado

Dean of the Faculty of Electrical Engineering
University of Žilina

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ADMINISTRATOR

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D. Pudiš, I. Kubicová, P. Bury

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The International Conference

APPLIED PHYSICS OF CONDENSED MATTER (APCOM 2011)

is the 17th conference in the series of events started with the workshop "Solid State Physics and Radioactive Irradiation", held in Liptovský Mikuláš, Slovak Republic, 1995. Next three years the name of this workshop was „Effect of Non–Standard External Factors on Physical Properties of Solids“. Since 1999, its name has been "Applied Physics of Condensed Matter" (APCOM).

APCOM provides a unique opportunity for experts in the field of applied research of condensed matter physics to come together and share their visions of future developments in microelectronic, nanoelectronic and molecular electronic technology, and in the device scientific/industrial applications. The main focus of the conference is on presentation of both theoretical and experimental results, partly also of both computer simulation results and measurements techniques in the investigation of physical properties of bulk solids, thin solid films, ultrathin organic polymer films, photonics, heterostructures, microelectronic devices, etc., exposed to the influence of an external factors (photons, neutron and radioactive radiation, ion beams, and different device fabrication processes, respectively).

Editors

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Invited lectures

Wednesday, June 22, 2011

Session 1A - Nano-science and technology *(14.45 – 16.15)*

Session 1B – Thin films *(14.45 – 16.15)*

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Session 2B – Optical phenomena *(17.35 – 18.50)*

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Session 3A - GaN-based heterostructures *(9.00 – 10.30)*

Session 3B – Simulation methods *(9.00 – 10.30)*

Session 4A – Heterostructures and devices *(11.20 – 12.50)*

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