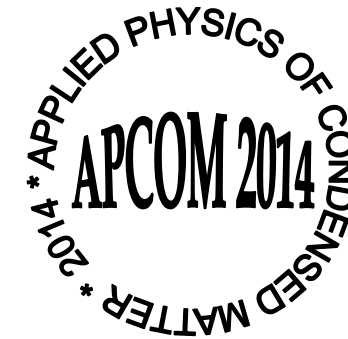


20<sup>th</sup> International Conference on  
**APPLIED PHYSICS OF CONDENSED MATTER**



*June 25 – 27, 2014*

*Hotel Patria, Štrbské Pleso, High Tatras, Slovak Republic*

- Institute of Nuclear and Physical Engineering, Faculty of Electrical Engineering and Information Technology, Slovak University of Technology, Bratislava
- Alumni Club of the Faculty of Electrical Engineering and Information Technology, Slovak University of Technology, Bratislava
- Institute of Aurel Stodola, Faculty of Electrical Engineering, University of Žilina
- Institute of Physics, Slovak Academy of Sciences, Bratislava
- Slovak Physical Society, Bratislava

**CONFERENCE ADMINISTRATOR**

**Patrik Novák**

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Faculty of Electrical Engineering and Information  
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Ilkovičova 3  
812 19 Bratislava, Slovak Republic  
Tel.: +421 2 602 91 714  
Email: [apcom@elf.stuba.sk](mailto:apcom@elf.stuba.sk)  
Web: <http://kf.elf.stuba.sk/~apcom/>

**IMPORTANT DATES & DEADLINES**

Papers submission: **April 30**  
Registration fee payment: **April 30**  
Accommodation/board ordering: **May 15**  
Comments of reviewers: **May 15**  
Submission of corrected papers: **May 25**  
Opening ceremony: **June 25**

**SECOND ANNOUNCEMENT**

## INTERNATIONAL PROGRAM COMMITTEE

**J. Sitek**, FEEIT SUT Bratislava, SK – chairman  
P. Ballo, FEEIT SUT Bratislava, SK  
L. Harmatha, FEEIT SUT Bratislava, SK  
Z. J. Horvath, HAS Budapest, HU  
K. Hricovini, CPU Cergy-Pontoise, FR  
J. Kohout, CU Prague, CZ  
A. Lančok, IP AS Prague, CZ  
V. Lisý, FEEIT TU Košice, SK  
R. Makhloufi, Caen University, FR  
J. Müllerová, FEE Žilina University, SK  
W. Recheis, UAS Wiener Neustadt, AT  
D. Seyringer, FHV Dornbirn, AT  
O. Schneeweiss, IPM AS, Brno, CZ  
B. Sopko, CUT Prague, CZ  
P. Švec, IP SAS Bratislava, SK  
R. Szewczyk, WUT Warsaw, PL

## LOCAL ORGANIZING COMMITTEE

**J. Vajda**, FEEIT SUT Bratislava, SK - chairman  
I. Jamnický, FEE Žilina University, SK  
P. Novák, FEEIT SUT Bratislava

## SCOPE OF THE CONFERENCE

APCOM provides an unique opportunity for experts in the field of applied physical research of condensed matter to come together and share their visions of future development in the area of application of devices for example in electrical and nuclear power engineering, electronic and optical communication etc. The main focus of the conference is on presentation of both theoretical and experimental results, partly also of both computer simulation results and specific measurement techniques in the investigation of physical properties and structure of bulk solids and structures, thin solid films, ultrathin organic polymer films, micro- and nanostructures *etc.*, exposed to the influence of wide-range specific external factors (electrical, magnetic, thermal, high-frequency electromagnetic waves, optical and ionized radiation, ion and elementary particles beams etc.).

### Main content areas:

1. New materials and structures (incl. nanostructures and thin films), their analysis and specific applications.
2. Physical properties and structural aspects of solid materials and their influencing.
3. Optical phenomena in materials, photovoltaics and photonics, new principles in sensors and detection methods
4. Nuclear science and technology (with emphasis on the influence of irradiation on physical properties of materials and radiation detection).
5. Computational physics and theory of physical properties of matter.
6. Biophysics and interdisciplinary physics of condensed matter.

## SCIENTIFIC PROGRAMME

Contributed (10-15 min) oral presentations including discussions are planned. The preliminary scientific programme of the conference includes more than 65 contributed papers. No posters. The official language of all presentations is English. Each participant can present only one contribution.

## GENERAL INFORMATION

**Registration:** Registration and lodging of participants will be provided at the registration desk, which will be opened at Hotel Patria, Štrbské Pleso on Wednesday, June 25<sup>th</sup> from 11:00 to 14:00 CET. Lunch at 12:00 to 14:00 CET. Opening ceremony at 15:00 CET.

**Presentation facilities:** A PC video-data projector (Microsoft® PowerPoint® 2003 or 2007 software is recommended) will be available for oral presentations. If you need some special equipment, hardware or software, please contact the conference administrator.

**Social events:** The *welcome party* will be held on June 25<sup>th</sup> at 20:00 CET. Either a mountain tourist walk and/or excursion in the vicinity are planned for June 26<sup>th</sup> from 14:00 to 18:00 CET. The *friendship party* will be held on June 26<sup>th</sup> at 19:30 CET. Departure of participants on June 27<sup>th</sup> at 13:30.

**Venue:** The conference will be held in Hotel Patria, High Tatras, Slovak Republic. It is located as a dominant building near the high-mountain tarn Štrbské pleso (1,355 metres above sea-level) at the mouth of Mlynická Valley, sensitively incorporated into the High Tatras landscape. It is named after the nearby peak Patria (in Latin: "fatherland"), 2,203 metres high. For details see <http://www.hotelpatria.sk>.

**Transport information:** Detail transport information is on the conference webpage: <http://kf.elf.stuba.sk/~apcom/>

## CALL FOR PAPERS

All accepted papers will be published in peer-reviewed Conference Proceedings. The conference participants will obtain Conference Proceedings at the registration desk. Details for publication in Conference Proceedings and in Journal of Electrical Engineering (JEE) are described below.

**Instructions for publication in Conference Proceedings:** All complete texts of papers will be written in English according to **the template available on the conference webpage**. The authors are requested to submit the papers in electronic form of the camera-ready paper as a file written in the text editor Microsoft Word (\*.doc or \*.rtf only) to the e-mail address [apcom@elf.stuba.sk](mailto:apcom@elf.stuba.sk) by **April 30, 2014**. The program committee will send the copies to referees and supervise the reviewing process. Contributions received after this date may not be included in the Conference Proceedings. One main author can publish only one contribution in Conference Proceedings.

## Instruction for publication in JEE

The authors are encouraged to submit an extended version of their work to the Journal of Electrical Engineering (JEE) indexed in Web of Science (WOS) - Science Citation Index Expanded (SCIE), SCOPUS Elsevier and INSPEC, IET scientific databases. Last impact factor 0.546. The detailed guide for authors can be found at the journal web-page <http://iris.elf.stuba.sk/JEEEC>. Only electronic files (MS Word format or LaTeX file) will be collected at the reception desk during the conference. The manuscripts should represent original work not previously published and not being considered for publication elsewhere.



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**ACCOMMODATION/FULL BOARD/REGISTRATION  
FEE PAYMENT**

The accommodation/full board/registration fee should be paid

**by April 30th, 2014** to

Spolok absolventov a priateľov FEI STU (EF SVŠT)  
(in English: Alumni Club of FEEIT SUT)  
Ilkovičova 3  
812 19 Bratislava, Slovak Republic

IČO: 317 955 28  
IČ DPH: SK2020222402 (= VAT No. = Value Added Tax Number)  
by bank transfer to

TATRA BANKA a. s., Hodžovo nám. 3  
811 06 Bratislava, Slovak Republic

**Account number:** 26 66 43 00 06      **Bank code:** 1100  
**Variable symbol:** 2506xx

**Details/Note of payment:** “surname”, APCOM 2014  
(In order to identify your payment, please include your personal identification number in the variable symbol instead of **xx**. The personal identification numbers (PINs) will be listed on the conference website <http://kf.elf.stuba.sk/~apcom/> ).

Account number for international payment:  
IBAN: SK65 1100 0000 0026 6643 0006  
SWIFT (BIC) code: TATRSKBX

**CONFERENCE FEE**

The conference fee includes the registration fee, two-night accommodation (double and single rooms are available) and full board fee. Registration fee includes conference materials, overhead costs, admission to all conference sessions and coffee-break refreshments, welcome party, friendship party and social programme.

<i>Registration fee</i>	<i>180 EUR*</i>
<i>Accommodation/full board fee</i>	<i>120 EUR</i>
<b>Total</b>	<b>300 EUR**</b>

*\*Registration fee for PhD. students 155 EUR,  
\*\*for accompanying persons total fee 150 EUR*

*(\*Registration fee for PhD. students 155 €, total costs 275 €)*

**For payment realised after April 30 the registration fee will be increased by 30 EUR.** If a registered participant fails to pay the fee by 15 May 2014, he will be removed from the list of participants.

**Important:** Each conference participant obtains an invoice at the registration desk. To issue the invoice in the required form, please send the correct name and address of your institution and its VAT Number (IČ DPH in Slovak Republic) to the conference administrator by e-mail as soon as possible if you have not already done it in the Application Form.

**ACCOMMODATION / BOARD ORDERING**

After bank transfer you have booked the full board (June 25<sup>th</sup> to 27<sup>th</sup>) and two-night accommodation (June 25<sup>th</sup> and 26<sup>th</sup>) **automatically**. Please submit the information about executing a bank transfer to the conference administrator ([apcom@elf.stuba.sk](mailto:apcom@elf.stuba.sk)) immediately.

*In the case of any questions or suggestions, please contact the conference administrator by e-mail.*