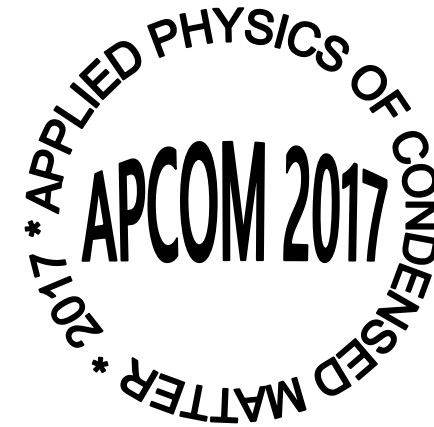


23rd International Conference on
APPLIED PHYSICS OF CONDENSED MATTER



June 12 – 14, 2017

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
Technology, Slovak University of Technology,
Ilkovičova 3
812 19 Bratislava, Slovak Republic
Tel.: +421 2 602 91 714
Email: 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 20
Opening ceremony:	June 12

SECOND ANNOUNCEMENT

INTERNATIONAL PROGRAM COMMITTEE

J. Sitek, FEEIT SUT Bratislava, SK – chairman
P. Ballo, FEEIT SUT Bratislava, SK
J. Cirák, FEEIT SUT Bratislava, SK
M. Flaska, PSU Pennsylvania, USA
L. Harmatha, FEEIT SUT Bratislava, SK
Z. J. Horvath, OU Budapest, HU
K. Hricovini, CPU Cergy-Pontoise, FR
E. Hristoforou, NTU Athens, GR
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, SK

SCOPE OF THE CONFERENCE

APCOM provides a 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, applied optics and optical communications.
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 and the poster sessions are planned. The preliminary scientific programme of the conference includes more than 60 contributed papers. 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 Monday, June 12, 2017 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. Poster dimensions must not exceed A0 format (width 841 mm; height 1189 mm).

Social events: The *welcome party* will be held on June 12th at 20:00 CET. Either a mountain tourist walk and/or excursion in the vicinity are planned for June 13th from 13:00 to 18:00 CET. The *friendship party* will be held on June 13th at 19:30 CET. Departure of participants on June 14th at 12:30.

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/>

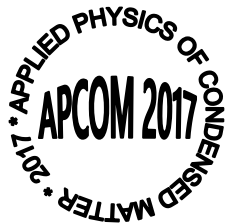
CALL FOR PAPERS

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,*.docx only) to the e-mail address apcom@elf.stuba.sk by **April 30, 2017**. 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. Impact factor 0.539. 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, 2017 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: IBAN: SK65 1100 0000 0026 6643 0006

SWIFT (BIC) code: TATRSKBX

Variable symbol: 1206xx

Details/Note of payment: “surname”, APCOM 2017

(In order to identify your payment, please include your personal identification number in the variable symbol instead of **xx**. The personal identification numbers (PINs) are listed on the conference website <http://kf.elf.stuba.sk/~apcom/> - see List of participants).

CONFERENCE FEE

The conference fee includes the registration fee, two-night accommodation (double and a limited number of 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.

Registration fee	210 EUR*
Accommodation/full board fee	100 EUR (double room)
Total	310 EUR**

* Registration fee for PhD. students 185 EUR, total 285 €

** For single room extra fee 60 €, total costs 370 €,
for PhD. students total costs 345 €.

For accompanying persons total fee 200 EUR

(will be paid only in cash at the registration desk)

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 20 May 2017, he will be removed from the list of participants.

Important: Each conference participant obtains an invoice at the registration desk (June 12th). 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 12th to 14th) and two-night accommodation (June 12th and 13th) **automatically**. Please submit the information about delayed executing a bank transfer to the conference administrator (apcom@elf.stuba.sk) immediately.

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