

Computer Algebra Systems in Teaching and Research (CASTR'2019)

Siedlce, Poland, September 25 – 29, 2019

Nowadays, such general-purpose computer algebra systems as Mathematica, MatLAB, Maple, Maxima, and etc. enable their users to solve the following important tasks within a uniform framework: symbolic manipulation, numerical computation and visualization. As a consequence, these systems are widely used in different branches of science and technology and play an important role in education. A goal of the workshop is to bring together specialists applying the computer algebra systems in research and teaching, to present the latest developments in the respective fields, to exchange experience and to establish opportunities for further collaboration.

ORGANIZERS:

Siedlce University of Natural Sciences and Humanities (Siedlce, Poland)

Warsaw University of Life Sciences - SGGW (Warsaw, Poland)

Scientific Committee

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Marek Siluszyk (Siedlce, Poland)
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Valery Taranchuk (Minsk, Belarus)
Alexei Tikhonov (St. Petersburg, Russia)
Andrzej Walendziak (Siedlce, Poland)
Andrzej Woszczyzna (Cracow, Poland)

Organizing Committee

Agnieszka Prusinska (Siedlce, Poland)	– Chair (agnieszka.prusinska@uph.edu.pl)
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Scope

- Computer Algebra Methods for solving ODEs and PDEs
- Modelling of the Galactic Cosmic Rays Propagation
- Computer methods in Classical and Celestial Mechanics
- Nonlinear Optimization Problems
- Computer Algebra Methods in Finance and Economics
- Computer Algebra Systems in Education
- Symbolic-Numeric Computations

Mini-symposium on Computational Aspects of Classical and Celestial Mechanics, Stability and Motion Control is planned to be organized in the framework of the workshop.

Organizers:

Pavel S. Krasilnikov (Moscow, Russia),
Katica R. (Stevanovic) Hedrih (Belgrade, Serbia),
Alexei A. Tikhonov (St. Petersburg, Russia)

Working language: English

Important dates:

Deadline for submitting an abstract and full paper:	June 15, 2019
Review and notification of acceptance:	July 25, 2019
Camera ready copy:	September 01, 2019
Deadline for payment by transfer Registration Fee:	September 01, 2019
Confirmation of participation (via E-mail):	September 15, 2019

Registration Fee

The registration fee for participants is 450 PLN and covers organization costs, material, bags, coffee breaks with snacks, banquet and publication in the workshop proceedings. Registration fee for accompanying persons is 250 PLN.

The payment can be done by transfer (01-09-2019 !!!) or can be paid on site upon arrival (500 PLN).

Proceedings

Abstracts of talks accepted by the Scientific Committee will be published in the Workshop Proceedings.

Papers accepted by the Scientific Committee after a reviewing process are planned to be published in the journal Computer Algebra Systems in Teaching and Research ISSN 2300-7397. Final versions of the papers (10-15 pages) should be prepared as standard LaTeX documents (the style file *sample.zip* can be downloaded from the workshop website <http://www.castr.uph.edu.pl>) and submitted to the Organizing Committee by E-mail not later than September 01, 2019 together with pictures and the corresponding PDF file.

Visa information

To enter Poland some participants (citizens of Russia, Belarus, Ukraine and other countries of SIC) may need a Polish visa. They have to apply for a visa in the respective Polish embassy on their own. The visa application may be found at the webpage:

<http://www.msz.gov.pl/en>

For arranging official letters of invitation participants are kindly requested to send as soon as possible to the Organizing Committee the following information

(agnieszka.prusinska@uph.edu.pl or alexander_prokopenya@sggw.pl):

- Full name (as in passport)
- Date of birth
- Citizenship
- Position
- Institutional mailing address
- Passport number and expiration date
- Fax and phone numbers, E-mail address
- Arrival and departure dates

- Accompanying person full name, date of birth, passport number and expiration date
- Address for sending the invitation (if different from the Institutional address)

Arrival and departure

Wednesday, September 25 is the arrival day. The scientific program of the workshop begins on Thursday, September 26 in the morning and ends on Friday evening, September 27. Departure of participants is planned on Sunday, September 29.

Warsaw Frederic Chopin Airport, that is the nearest one to Siedlce, has direct connections from/to most European destinations. There are trains from Warsaw to Siedlce almost every hour. Railway station (Warszawa Centralna or Warszawa Śródmieście, these two stations are situated very close to each other and are connected by a tunnel) may be reached by train (entrance to the Warsaw Chopin Airport Station is located near the long-distance bus terminal), taxi (cost 50 PLN or 15 EUR) or by a city bus No 175 (tickets are available at the tickets machine at the bus station).

Venue

The workshop is planned to take place in the Faculty of Science of Siedlce University of Natural Sciences and Humanities, 3-Maja str. 54 (www.wns.uph.edu.pl)

Accommodation

The university hostel is situated in a walking distance from the Faculty of Science, Żytnia str. 17/19, about 1 km from the railway station: <http://www.uph.edu.pl/sprawy-studenckie/domy-studenckie>

Single room (TV, Internet, bath, WC) – 70 PLN per day

Double room (two single beds, TV, Internet, bath, WC) – 2x40 = 80 PLN per day

There are also three hotels in a walking distance from the Faculty of Science:

Hotel Kamienica, Wojska Polskiego str. 60 (<http://www.hotel-kamienica.pl/>)

Hotel Janusz, Pusta str. 15 (http://www.janusz.pl/en/core/generic.php?_PageID=42916)

Hotel Villa Park, Nauczycielska str. 12

(<http://www.hotel.siedlce.pl/hotel.php?lang=en&con=start>)

Reservation can be done also in a usual way at the website <http://www.booking.com>.

Address of the Organizing Committee:

Siedlce University of Natural Sciences and Humanities

Institute of Mathematics and Physics

3 Maja str. 54

08-110 Siedlce, Poland

tel./fax (+48 25) 643 1103

Contact by E-mail: castr@uph.edu.pl

Interactive Registration Form and all additional information about the workshop can be found on the website: <http://www.castr.uph.edu.pl>