

Location

AGH University of Science and Technology, leading Polish technical university and one of the biggest higher education institutions in Poland, was established on 20th October, 1919. Throughout almost 100 years the University has educated generations of engineers who have always been highly valued by the Polish industry. It offers large scientific base with variety of laboratories and most modern equipment at the same time. Collaboration with other Polish and foreign universities is being dynamically developed. The University is located in Krakow, beautiful, historical Polish city.



The University has its own campus with comfortable facilities for 9000 students, located very close to the University's buildings. Presently more than 35 000 full-time and extramural students are studying at 15 faculties. The variety of 170 offered specializations is also worth noting. Apart from traditional faculties, closely connected with mining or metallurgy, the University has faculties dealing with computer science, telecommunication, automatics, robotics, new materials, technical physics, applied mathematics as well as management and social sciences. New disciplines include also: culture studies, geophysics, oil and gas engineering, biomedical engineering or acoustic engineering. New specializations are offered within the domain of traditional disciplines, for example mathematics for finances at the Faculty of Mathematics. The University also conducts Ph.D. studies with more than 550 students at 15 faculties and post-graduate studies with more than 2 800 participants.

Call for papers

Prospective authors are invited to submit, through the conference website www.yic2019.agh.edu.pl an extended abstract in English together with the pre-registration form by February 10, 2019. Abstracts have to be prepared according to the template and should outline the main features, results and conclusions of the work. The Scientific Committee will review the extended abstracts and all authors will be notified about the decision.

Although the target group of the YIC 2019 are young researchers (under 35 years of age), senior scientists are welcome as well.

Registration

The registration fee for delegates and authors is 200 EURO if paid before May 31, 2019 and 250 EURO if paid after this date. The fee includes accommodation at the AGH UST Student Campus (Olimp and Strumyk dormitories), conference proceedings, reception, lunches, coffee breaks, banquet, social program. Detailed information regarding accommodation and social program will be available on the conference website.

Important dates

- ◆ Extended abstract submission February 10, 2019
- ◆ Notification of abstract acceptance March 31, 2019
- ◆ Deadline for early payment May 31, 2019

Correspondence

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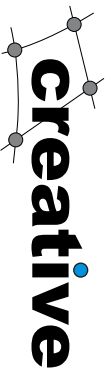
Conference Venue

Faculty of Materials Science and Ceramics,
AGH University of Science and Technology
al. Mickiewicza 30, 30-059 Krakow, Poland



Organizers

Local Organizer



Students' Scientific Association
at the Faculty of Metals Engineering
and Industrial Computer Science



AGH University of Science and Technology

Supporting Organisations



Polish Association for Computational
Mechanics



European Community on Computational
Methods in Applied Sciences



AGH Students' Scientific Associations

Honorary Patronage

Anna Siwik, Vice-rector for Students Affairs
AGH University of Science and Technology

Organizing Committee

Conference Chairs

Konrad PERZYNSKI
Krzysztof BZOWSKI

AGH University of Science and Technology, Krakow, Poland

Steering Committee

Lukasz MADEJ

Lukasz RAUCH

AGH University of Science and Technology, Krakow, Poland

Committees

The organization of the YIC 2019 will be supported by two committees:

- ♦ The Organizing Committee will be responsible for the practical organization of the conference.
- ♦ The Scientific Committee will guarantee the high scientific quality of the conference. In the spirit of "Young Investigators Conference", the Scientific Committee will be composed mainly of young European researchers active in the ECCOMAS field.

Moreover, to learn from experience of the previous conferences, chairpersons of YIC2012, YIC2013, YIC2015 and YIC2017 will be involved in the Scientific Committee.

Objectives

The focus of Young Investigators Conference is on applications of mathematical and computational methods and modelling to different areas of simulation in engineering. It mainly aims at bringing together junior researchers and PhD students in the field to encourage discussions, collaborations and interchange of ideas by the young generation.

Conference Topics

Contributions to any topic of the computational science and engineering are welcome:

- ♦ Computational Materials Science
- ♦ Computational Solids and Structural Mechanics
- ♦ Computational/Applied Mathematics
- ♦ Industrial Applications and Challenges
- ♦ Computational Engineering Science
- ♦ Computational Geomechanics
- ♦ Scientific Computing
- ♦ Computational Advances in Composites
- ♦ Computational Biomechanics
- ♦ Computational Dynamic Failure/Fracture and Damage Mechanics
- ♦ Multiscale Modelling
- ♦ Computational Fluid Mechanics
- ♦ Advances in Numerical Methods
- ♦ Artificial Intelligence in Modelling and Simulations

ECCOMAS PHD Olympiads

ECCOMAS PHD Olympiads, organized every year, aim at presenting the best PhD theses defended during the previous year.

Every affiliated National or Regional Association of ECCOMAS is represented by a number of selected PhDs submitted for consideration for the two ECCOMAS PhD Awards.

For presentations at the ECCOMAS PHD Olympiad 2019, an abstract is required, including representative figures and references, in PDF format following the YIC 2019 template. Registration fees will be covered by the ECCOMAS.



The award ceremony for the two best ECCOMAS PhD awards and the best PhD Olympiad oral presentation will take place during YIC 2019. There will be three prizes related to:

- ♦ The best PhD thesis in Solid Mechanics
- ♦ The best PhD thesis in Fluid Mechanics
- ♦ The best oral presentation during the Olympiad