



International Conference Applications of Mathematics 2018

August 22–25, 2018

*Institute of Mathematics, Czech Academy of Sciences,
Žitná 25, Prague, CZ-115 67, Czech Republic*

FIRST ANNOUNCEMENT

This conference is the fourth in the row of Application of Mathematics conferences organized by the Institute of Mathematics of the Czech Academy of Sciences in Prague. It continues the tradition of meetings focused on a wide variety of applications of mathematics, including computational mathematics and mechanics, numerical analysis, and mathematical physics. On top of these traditional topics, there will be a special session devoted to eigenvalue problems, their efficient and reliable numerical solution, and guaranteed bounds on eigenvalues.

Conference venue: Institute of Mathematics, Academy of Sciences, Žitná 25, Prague 1.

Conference topics: A wide variety of applications of mathematics, including computational mathematics and mechanics, numerical analysis, mathematical physics, and a special session on eigenvalue problems.

Special issue: A special issue of the traditional journal Applications of Mathematics founded by Ivo Babuška in 1956 will be published before the conference. Papers should be submitted by March 31, 2018 using the Journal System together with the note that they are intended for the special issue AM2018. In case of questions, do not hesitate to contact the organizers.

Registration: No conference fee is required. In order to register, please, send an e-mail message containing your name and affiliation to the email address below by June 15, 2018. If you wish to present a talk (approximately 20–30 min.) include its tentative title. Since the number of participants is limited to approximately 60, the early registration is strongly recommended.

Deadlines:

31. 3. 2018 – submission to the special issue of Appl. Math.

15. 6. 2018 – registration

Scientific Committee: Mark Ainsworth, Gabriel Barrenechea, István Faragó, Miloslav Feistauer, Antti Hannukainen, Qun Lin, Hans-Goerg Roos, Karel Segeth, Martin Stynes, Takuya Tsuchiya, Hehu Xie, Shuhua Zhang, and Zhimin Zhang

Local organizing committee: Michal Křížek (Chair), Miroslav Rozložník, Jakub Šístek, and Tomáš Vejchodský

Conference web: <http://am2018.math.cas.cz>

Contact e-mail: am2018@math.cas.cz