
MASTER PROGRAM

for

**EIGHTEENTH INTERNATIONAL CONFERENCE
APPLICATION OF MATHEMATICS IN TECHNICAL AND NATURAL
SCIENCES
JUNE 27-JULY 2, 2026**

**All times in the program are GMT+3 (East-European time). Please
synchronize your local time with respect to GMT and join the announced
Zoom sessions on time.**

TUESDAY, JUNE 30, 2026

FLAMINGO GRAND HALL

Join Zoom Meeting **08:00-19:00**

<https://us02web.zoom.us/j/89331074999?pwd=G3JSGm4dKizKnLR7NFz3LzGBMS6QdT.1>

Meeting ID: 893 3107 4999

Passcode: 677139

Meeting chat link

<https://us02web.zoom.us/jc/89331074999>

Hosted by Michail Todorov

08:30-9:30

PLENARY LECTURE: Kaizhi Wang

Title: *New Dynamical Phenomena for the Hamilton-Jacobi
Equation*

9:30-10:00 BREAK

Session: APPLIED ANALYSIS

- 10:00-10:30 Speaker: Petar Peshev
Title: *Bank Lending, Monetary Transmission, and Financial Reform in China: A Review of the Contemporary Literature*
- 10:30-11:00 Speaker: Petar Peshev/R. Stamenova
Title: *Mortgage Lending Demand in the Eurozone over the 2012Q1–2025Q4 Period*
- 11:00-11:30 Speaker: Andrey Vassilev
Title: *Migration Dynamics in a Spatial Model with Myopic Agents*
- 11:30-12:00 Speaker: Stoyan Apostolov
Title: *On Fredholm integral equations with singular kernels*
- 12:00-12:30 Speaker: Venelin Todorov
Title: *Quasi-Monte Carlo Sensitivity Analysis of the UNI-DEM Atmospheric Chemistry Model*

Lunch Break

- 14:00-15:00 PLENARY TALK: Jingli Ren
Title: *AI for BMG*
- 15:00-16:00 PLENARY TALK: Rouxia Yao
Title: *Novel Existence Conjectures of Higher-order Peakons/Pseudo Peakons for the Generalized J-K-CH Equations*
- 16:00-16:30 Break
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16:30-17:15	KEYNOTE TALK: Igor Freie Title: <i>Cauchy Problems Describing Pseudospherical Surfaces: The Camassa-Holm and Degasperis-Procesi Cases</i>
17:15-18:45	Social Activity: Musical concert – Flamingo Grand Hall
20:00	Official Dinner
3:30, July 1	Excursion to the villages of Kamen bryag and Tyulenovo, Shabla lake. Lighthouse, July morning - meeting of the sunrise Meeting point: the reception of the Flamingo Grand hotel at 3:30 am
