

WING 2016

Workshop and Conference: Wien – Innsbruck – Novi Sad – Gent

June 29 – July 3, 2016, University of Innsbruck, Austria

Abstract

The workshop and conference serves to strengthen the longstanding cooperation between research groups in mathematics and mechanics at the four participating universities. It will take place in the framework of the cooperation agreement of the universities of Novi Sad and Innsbruck.

The focus will be mainly, but not exclusively, on generalized functions (from distributions and ultradistributions to Kondratiev spaces and Colombeau algebras as well as nonstandard approaches), partial differential equations, stochastic analysis (theory and numerics of polynomial chaos expansions), numerical analysis (especially numerical analysis of differential equations), and mechanics.

Particular emphasis will be on exploring the future interplay between generalized functions, stochastics, and numerical methods.

The scientific program will start on Thursday morning, June 30, 2016 and end on Saturday evening, July 2, 2016.

Participants are expected to give a 30 minute presentation of their current research. Ample time will be there for discussion and exchange of ideas.

A conference dinner is scheduled for Thursday night. Sunday will be devoted to an excursion allowing for informal social interaction.

There will be two accompanying public lectures:

Teodor Atanacković, Tuesday, June 28 at 16:00, in the mechanics colloquium

Stevan Pilipović, Thursday, June 30 at 17:00 in the engineering mathematics seminar

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