



Institute colloquium

# Hemodynamics and other cherries from the fluid dynamics cake

**Dr. György Paál**

Budapest University of Technology and Economics

Host: Björn Hof

An overview of the research activities of the Department of Hydrodynamic Systems, Budapest University of Technology and Economics. The first half of the lecture gives an overview of our present activities which range among others from hemodynamics to bubble dynamics, self-sustained flow oscillations, valve instabilities, transient flows in pipe networks, non-Newtonian flows. In the second half of the presentation a more detailed review of our research in hemodynamics will follow. This includes mostly work on intracranial and abdominal aneurysms, 1D simulations of the arterial network, flow in coronary arteries - everything in close cooperation with medical doctors

**Tuesday, January 22, 2019 02:00pm - 03:30pm**

Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: <https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.