universität wien

Fakultät für Mathematik

EINLADUNG
Mathematisches Kolloquium
und
Junior Kolloquium

Helge Holden
(NTNU Norwegian University of Science and Technology)

Mittwoch, 11. Jänner 2017
13:15 Uhr – Junior Kolloquium:
"On the Abel Prize in Mathematics– Would Abel have received the Abel Prize?"

15.45 Uhr – Kaffeepause

16.15 – Mathematisches Kolloquium:
 "On traffic modeling and the Braess paradox"

<u>*Anschließend vinum cum pane*</u>

Ort: Fakultät für Mathematik, Oskar Morgenstern-Platz 1, Sky Lounge

Teschl Gerald, Christian Krattenthaler

**Junior Kolloquium:
"On the Abel Prize in Mathematics– Would Abel have received the Abel Prize?"**

<u>Abstract:</u>
We review some aspects of the short life of Niels Henrik Abel (1802–1829). In addition, we present the recent Abel Prize in Mathematics, first awarded in 2003. We try to assess whether Abel himself would have received the prize that bears his name. The talk requires no knowledge of mathematics.

**Mathematisches Kolloquium:
"On traffic modeling and the Braess paradox"**

<u>Abstract:</u>
We will discuss models for vehicular traffic flow on networks. The models include both the Lighthill-Whitham-Richards model and Follow-the-Leader models. The emphasis will be on the Braess paradox in which adding a road to a traffic network can make travel times worse for all drivers.