universität wien

Fakultät für Mathematik

Mathematisches Kolloquium

EINLADUNG

Johnathan Lenells
(Royal Institute of Technology, Stockholm, Sweden)

"The Wavemaker Problem"

„**The Wavemaker Problem**"

Abstract:

I will discuss the problem of determining the wave profile generated by a periodically moving wavemaker mounted at one end of a wave tank. Mathematically, the problem can be expressed as a boundary value problem for a nonlinear integrable equation with time-periodic forcing. I will present a new technique for analyzing problems of this type and describe how it can be used to at least partially answer some questions raised by experiments 35 years ago.

Zeit: Dienstag 6. Dezember 2016
15.45 Uhr Kaffeejause,
16.15 Uhr Vortrag,
vinum cum pane im Anschluss

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

Adrian Constantin
Christian Krattenthaler