

Samstag 26. 11. 2016, 09:30 – 13:00

Universität Zürich Zentrum, KOH-B-10

Rämistrasse bei 71, 8092 Zürich

<https://www.plaene.uzh.ch/KOH>

GRAVITATIONS WELLEN

**Gravitationswellen: Ein neues Fenster zur
Erforschung des Universums**

Philippe Jetzer

Universität Zürich / LISA

**Laserinterferometrie im Weltraum - von
schwarzen Löchern bis zum Grundwasser**

Gerhard Heinzl

Max-Planck Institut für Gravitationsphysik /

Albert-Einstein-Institut Hannover / LISA

**Hearing Black Holes Collide with the Laser
Interferometer**

Gravitational-wave Observatory

Daniel Sigg

California Institute of Technology / LIGO

www.pgz.ch

www.sps.ch



Eintritt frei
Keine Voranmeldung; Gäste willkommen

Following a by now established tradition, the Zurich and the Swiss Physical Societies will hold a joint symposium in town, which is aimed at a broad, scientifically interested public. Past events were devoted to the 150th anniversary of Maxwell's equations and to General Relativity, among other topics.

This Fall the event is fittingly dedicated to gravitational waves in view of their recent experimental discovery by the LIGO collaboration and of the successful deployment of the LISA Pathfinder spacecraft, which will pave the way to future generations of gravitational wave detectors.

The speakers of the symposium, who are members of the LIGO or the LISA collaborations, will address the theoretical basis of gravitational waves and give a first hand account of the discovery and of the experimental challenges of present and future detectors. The speakers are

Philippe Jetzer (Universität Zürich/LISA)
Gerhard Heinzl (Leibniz Universität Hannover/LISA)
Daniel Sigg (California Institute of Technology/LIGO)

The presentations will be in German or English.