

LOCATION

Center of Applied Space technology and Microgravity (ZARM), Room 1730, University of Bremen, Am Fallturm, 28359 Bremen.

Öffentlicher Vortrag, Claus Lämmerzahl (Monday 9th Nov, 19:30): Schlaues Haus, Schlossplatz 16, 26122 Oldenburg.

DIRECTIONS

by plane

You will find a taxi stand and a tram station right in front of the exit of the airport. Take tram line 6 direction "Universität" and after only 30 minutes you will reach the campus. Please get off the tram at "Klagenfurterstraße" and you will see ZARM's drop tower 50 m ahead of you. By taxi, you will reach ZARM in 15-20 minutes, and the tour fee is about 25.00 EUR. The German word for drop tower is "Fallturm", a building and address most taxi drivers will be familiar with.

by train

The central station is located right in the heart of the city center and ZARM can be easily reached by taxi and tram. If you take the exit "City" you will find a tram station right in front of the of the central railway station. Please take line 6 direction "Universität" and after 10 minutes you will reach ZARM. Please get off the tram at Klagenfurterstraße", and you will spot the drop tower 50 m ahead of you. By taxi, you will reach ZARM in 10 - 15 minutes, and the fare is about 14.00 EUR. The German word for drop tower is "Fallturm", a building and address most taxi drivers will be familiar with.

Participating Universities:



Participating Institutes:



Funded by:



CONTACT INFORMATION

secretariat@models-of-gravity.org

Phone: +49 (0)421 218-57756

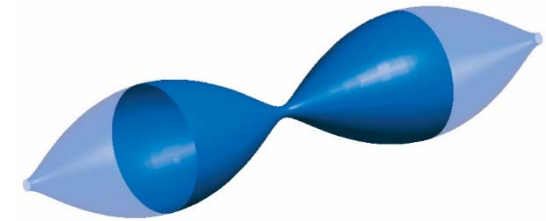
www.models-of-gravity.org

PROGRAM

Workshop

of the DFG Research Training Group

Models of Gravity



9-11 November 2015

University of Bremen

**Monday, 9 November 2015
Room 1730**

10:00 – 10:15	Welcome note, Jutta Kunz
10:15 – 11:15	Burkhard Kleihaus , <i>Scalarized Bosen stars and hairy black holes</i>
11:15 – 11:30	Coffee break
11:30 – 12:00	Lukas Brunkhorst , <i>Instances of alternative kinematics in gravity theory</i>
12:00 – 13:00	Lunch at Café Unique
13:15 – 14:15	Oltmann Riemer , <i>Ultraprecision machining of optical components</i>
14:15 – 14:30	Coffee break
14:30 – 15:30	Andrzej Wereszczynski , <i>Gravitating skyrmions and neutron stars</i>
tba	Dinner
End day 1	
19:30-21:00 Im Schlaun Haus in Oldenburg	Claus Lämmerzahl , <i>Hat Einstein wirklich Recht? Zur experimentellen Bestätigung der Allgemeinen Relativitätstheorie</i>

**Tuesday, 10 November 2015
Room 1730**

09:00 – 09:15	Welcome note, Claus Lämmerzahl
09:15 – 10:15	Markus Pössel , <i>Models for teaching (and thinking about!) general relativity</i>
10:15 – 10:30	Coffee break
10:30 – 11:30	Petra Sukova , <i>Accretion of low angular momentum gas onto black holes</i>
11:30 – 13:15	Board meeting in room 1040
11:30 12:15	Visit of drop tower top
12:30 – 14:00	Lunch break at Café Unique
14:00 – 14:30	Kris Schroven , <i>Self-gravitating Bose-Einstein condensates – excited solutions and stability</i>
14:30 – 14:45	Coffee break
14:45 – 15:15	Patric Hölscher , <i>Conformal (Weyl) gravity</i>
15:15 - 15:45	Fech Scen Khoo , <i>Generalized geometry, Ricci flow and gravity action</i>
15:45 – 16:00	Coffee break
16:00 – 17:00	Robin Tucker , <i>Techniques for seeking solutions of Einstein's field equations in the presence of symmetries</i>
17:00 – 18:00	Jonathan Gratus , <i>What is the stress-energy momentum tensor?</i>
19:00 – 21:30	Dinner

**Wednesday, 11 November 2015
Room 1730**

10:15 – 10:30	Welcome note, Claus Lämmerzahl
10:30 – 11:30	Urs Hugentobler , <i>Time and frequency in geodesy</i>
11:30 – 11:45	Coffee break
11:45 – 12:30	Christoph Günther , <i>Institute for Communication and Navigation</i>
12:30 – 14:00	Lunch break
14:00 – 15:00	Thomas Krichbaum , <i>Towards direct Imaging black holes and the origin of radio jets</i>
15:00-15:15	Coffee break
15:15-15:45	Sindy Rocio Mojica (and Jose Luis Blazquez Salcedo) , <i>Axial quasi-normal modes of Einstein-Gauss-Bonnet-dilation neutron stars</i>

End of workshop