



# Antonio García-García (Cambridge), Hong Liu (MIT), Jan Zaanen (Leiden) Holography: From Gravity to Quantum Matter

## **ZEIT:**

16.9.2013 - 11.10.2013

## **ORT:**

Isaac Newton Institute for Mathematical Sciences  
20 Clarkson Road, Cambridge, CB3 0EH, U.K.

The workshop aims to cover recent developments in the field with a special emphasis on holographic description of far from equilibrium dynamics, quantum information and different forms of quantum matter including quark-gluon plasma, strange metals and topological matter.

Invited speakers will include:

Aharony, O, (Weizmann Institute of Science), Israel  
de Boer, J, (Universiteit van Amsterdam), Netherlands  
Gasenzer, T, (Universität Heidelberg), Germany  
Gauntlett, J, (Imperial College London), United Kingdom  
Gubser, S, (Princeton University), USA  
Hartnoll, S, (Stanford University), USA  
Headrick, M, (Brandeis University), USA  
Herzog, C, (Stony Brook University), USA  
Horowitz, G, (University of California, Santa Barbara), USA  
Martelli, D, (King's College London), United Kingdom  
Minwalla, S, (Tata Institute of Fundamental Research), India  
Myers, RC, (Perimeter Institute for Theoretical Physics), Canada  
Phillips, PW, (University of Illinois at Urbana-Champaign), USA  
Pretorius, F, (Princeton University), USA  
Ryu, S, (University of Illinois at Urbana-Champaign), USA  
Sachdev, S, (Harvard University), USA  
Semenoff, GW, (University of British Columbia), Canada  
Son, DT, (University of Chicago), USA  
Takayanagi, T, (Kyoto University), Japan

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