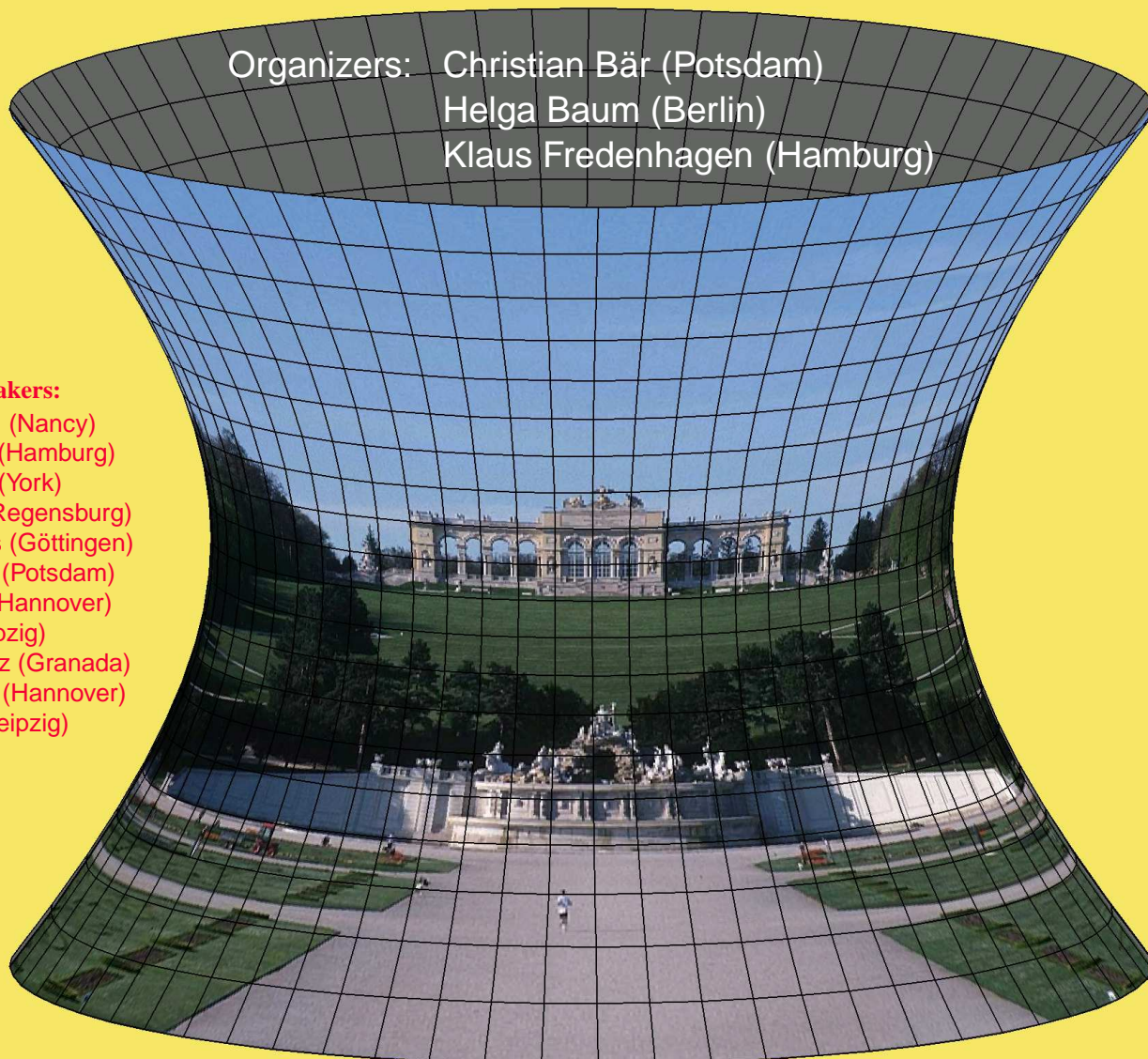


Workshop:  
“Hyperbolic operators on Lorentzian manifolds and quantization”  
10. - 12. November 2005, Vienna

Organizers: Christian Bär (Potsdam)  
Helga Baum (Berlin)  
Klaus Fredenhagen (Hamburg)

**Invited speakers:**

B.Ammann (Nancy)  
R.Brunetti (Hamburg)  
C.Fewster (York)  
F.Finster (Regensburg)  
G.Hollands (Göttingen)  
G.Huisken (Potsdam)  
W.Junker (Hannover)  
I.Kath (Leipzig)  
M. Sanchez (Granada)  
E.Schrohe (Hannover)  
R.Verch (Leipzig)



**Aim of the workshop:**

It will bring together mathematicians interested in geometric and analytical aspects of hyperbolic operators on Lorentzian manifolds and physicists working in quantum field theory on curved spacetimes. The aim is to discuss recent results and open problems in this field.

**Program:**

The workshop will include a series of introductory lectures for younger scientists (normally hyperbolic operators on Lorentzian manifolds, local versus global fundamental solutions, uniqueness, the Cauchy problem, applications to algebraic quantum field theory).

**Further information:**

Please contact

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or look at

[www.mathematik.hu-berlin.de/~baum/workshop05.htm](http://www.mathematik.hu-berlin.de/~baum/workshop05.htm)

The workshop will take place during the ESI-program “*Geometry of pseudo-Riemannian manifolds with applications in Physics*”, September-December 2005 at the Erwin Schrödinger Institute for Mathematical Physics in Vienna.