

International Workshop

SPACETIME

Fundamental or Emergent?

BONN UNIVERSITY

26 – 28 OCTOBER

SPEAKERS

Karen Crowther
Richard Dawid
Neil Dewar
Michael Esfeld
Dennis Lehmkuhl
Brian Pitts
James Read
Kian Salimkhani
Alastair Wilson
Christian Wüthrich

TOPIC

Spacetime or spatiotemporal relations have traditionally been considered as perfect candidates for fundamental entities or structures of reality. However, in modern physics and philosophy this general agreement has been challenged by, for example, physical theories that try to recover spacetime as an emergent structure. Concerning that debate, the workshop attempts to explore the following: First, what kind of entity is spacetime? Second, what is involved in claims of fundamentality of physical entities? Third, what may different approaches to quantum gravity reveal about the status of spacetime?

VENUE

Universitätsclub Bonn

ORGANIZERS

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