

Call for Papers

First Hermann Minkowski Meeting on the Foundations of Spacetime Physics

<http://www.minkowskiinstitute.org/meetings/2017/>

15-18 May 2017

Hotel "Laguna Garden," Albena, Varna, Bulgaria (complexlaguna.com)

Organized by the **Minkowski Institute** (minkowskiinstitute.org)



In 1907 Hermann Minkowski gave two lectures which introduced the foundations of spacetime physics

To mark the 110th anniversary of Hermann Minkowski's two lectures in 1907, which presented the novel ideas and the mathematical formalism of the four-dimensional physics of spacetime (summarized in Minkowski's famous lecture *Space and Time* a year later), the *Minkowski Institute* initiates a biennial series of meetings - *Hermann Minkowski Meetings on the Foundations of Spacetime Physics*.

These meetings bring together experts on the foundations of spacetime physics as well as beginners in the field. In addition to technical papers on areas related to Minkowski's contributions to the foundations of spacetime physics and on modern ramifications of his ideas, contributions on closely related topics will be also welcome - for example, on the history behind the discovery of the spacetime structure of the world and on conceptual issues.

Scientific Organizing Committee:

Abhay Ashtekar (Penn State University)
Valeria Ferrari (University of Rome "La Sapienza")
Robert Geroch (University of Chicago)
Claus Kiefer (University of Cologne)
Carlo Rovelli (Centre de Physique Theorique de Luminy)
James Owen Weatherall (University of California, Irvine)
Christian Wüthrich (University of Geneva)

Dennis Dieks (Utrecht University)
David Garfinkle (Okland University)
James Isenberg (University of Oregon)
Vesselin Petkov (Minkowski Institute)
Mairi Sakellariadou (University of London)
Nick Woodhouse (University of Oxford)

Local Organizing Committee:

Temenuzhka Ivanova (Albena Congress Center)
Anguel Stefanov (Bulgarian Academy of Sciences)
Dimitar Vladimirov (Legal Consultant to the Minkowski Institute)

Svetla Petkova (Minkowski Institute Press)
Vesselin Petkov (Minkowski Institute)

Contributed papers in the form of extended abstracts of up to two pages (but not less than one page) should be emailed to "minkowski2017@minkowskiinstitute.org" by Tuesday, February 28, 2017. Submissions will be reviewed and notification of acceptance will be sent by Friday, March 24, 2017.

$$d\tau = \sqrt{dt^2 - dx^2 - dy^2 - dz^2}$$