

# INTERNATIONAL SUMMER SCHOOL ON THE PHILOSOPHY, HISTORY AND SOCIOLOGY OF PARTICLE PHYSICS

23-30 July 2018

Wuppertal, Germany

## PARTICLE PHYSICS AT THE CROSSROADS

With the discovery of the Higgs boson, the last missing piece of the Standard Model of particle physics has been found. The "hunt" for the Standard Model particles has thus come to an end and new aims and challenges will take centre stage. A better understanding of this new phase of particle physics calls for a concerted effort of physics and the social sciences reflecting on it.

The summer school is geared towards advanced students and early career researchers from the history, philosophy, and sociology of physics. It will feature lectures by distinguished members from each of the respective fields. Additionally, there will be working groups and a selection of presentations by participants.

## SPEAKERS

**John Ellis**

*King's College London (UK)*

**Rafaela Hillerbrand**

*KIT (Germany)*

**Margarete Mühlleitner**

*KIT (Germany)*

**Kent Staley**

*Saint Louis University (USA)*

**Catherine Westfall**

*Michigan State University (USA)*

**Olof Hallonsten**

*Lund University (Sweden)*

**Martina Merz**

*AAU Klagenfurt (Austria)*

**Chris Smeenk**

*Western University (Canada)*

**Friedrich Steinle**

*TU Berlin (Germany)*

**Christian Zeitnitz**

*BU Wuppertal (Germany)*

## CONTACT & PRACTICAL INFORMATION

The school is an event of the interdisciplinary research unit *The Epistemology of the Large Hadron Collider*. It is financed by the DFG (German Research Foundation) with friendly support by the Bergische Universität Wuppertal and the *Interdisciplinary Centre for Science and Technology Studies* (IZWT). Main organizers: Adrian Wüthrich (TU Berlin), Florian Boge (BU Wuppertal). Location: *Tagungszentrum Auf dem Heiligen Berg*, Wuppertal, Germany. For details and application, please visit: [www.lhc-epistemologie.uni-wuppertal.de/index.php?id=1182](http://www.lhc-epistemologie.uni-wuppertal.de/index.php?id=1182) In case you have questions, you can contact us at [SummerSchool.ELHC@uni-wuppertal.de](mailto:SummerSchool.ELHC@uni-wuppertal.de)

