



The Abdus Salam
**International Centre
for Theoretical Physics**



Advanced School and Workshop: StatPhys in Kigali

Description:

The first-ever StatPhys satellite meeting hosted in Africa aims to bridge the African and international scientific communities in statistical physics, data science, nonlinear dynamics, and related applications, and provide ground for reciprocal knowledge and cross-fertilization.

MORE DETAILS:

Grasping an effective understanding of the behavior of complex systems is recognized as a major strategic issue in the development of modern societies as well as an outstanding challenge to modern physics and data science applications. Different approaches germinated in statistical physics, data science, and nonlinear dynamics have proven to provide reliable models to describe a variety of complex evolutions successfully. The meeting aims to bring together scientists from a broad range of fields who are willing to exchange their experience in dealing with both fundamental and applicative problems. A two-day intense school on complex systems will forego the main workshop to favor African students' participation.

SPEAKERS:

*Giorgio Parisi, Physics Nobel laureate, University of Rome La Sapienza, Italy
Yohannes Abate, University of Georgia, USA
Susana A. Barbosa, INESC-TEC, Portugal
Mulugeta Bekele, Addis Ababa University, Ethiopia
Somendra Bhattacharjee, Ashoka University, India
Raffaella Burioni, Università di Parma, Italy
Florencia Carusela, Universidad Nacional de Gral. Sarmiento, Argentina
Raphael Chetrite, University of Nice Sophia Antipolis, France
Federico Corberi, University of Salerno, Italy
Germaine Djudje Kenmoe, University of Yaounde, Cameroon
Reza Ejtehad, Sharif University, Iran
Aljaz Godec, Max Planck Institute Göttingen, Germany
Rhoda Hawkins, AIMS Ghana and University of Sheffield, UK
Doris Heinrich, Technische Universität, Germany
Jean Francois Joanny, Institut Curie, Paris, France
Frank Julicher, Institut Curie, Paris, France
Stephane Kenmoe, University of Duisburg-Essen, Germany
Timoleon Crepin Kofane, University of Yaounde, Cameroon
Diego Krapf, Colorado State University, USA
Tanniemola Liverpool, University of Bristol, UK
Emanuele Locatelli, Università di Padova, Italy

Ralf Metzler, University of Potsdam, Germany
Miguel Martinez Á. Muñoz, Universidad de Granada, Spain
Cesare Nardini, Université Paris-Saclay, France
Jean-Pierre Nguenang, University of Douala, Cameroon
Innocent Nkurikiyimfura, University of Rwanda, Rwanda
Kingsley Obodo, ICTP-EAIFR, University of Rwanda, Rwanda
Silvina Dawson Ponce, Universidad de Buenos Aires, Brazil
Alberto Robledo, Universidad Nacional Autónoma de México, México
Edgar Roldan, ICTP, Italy
Maxi San Miguel, Universitat de les Illes Balears, Illes Balears
Daniel Madulu Shadrack, NM-AIST, Tanzania
Yusuf Shaidu, University of California Berkeley, USA
Haris Skokos, University of Cape Town, South Africa
Ana-Suncana Smith, FAU Erlangen-Nürnberg, Germany
Hulda Swai, NM-AIST, Arusha, Tanzania
Conrad Bertrand Tabi, BIUST, Botswana
Antonio Trovato, Università di Padova, Italy
Tatek Yergou, Addis Ababa University, Ethiopia

* To be confirmed.

Satellite meeting of [StatPhys29](#)



5 - 10 July 2025

School on complex systems (5 - 6 July)
Workshop (7 - 10 July)



Kigali, Rwanda



Deadline:

16 February 2025

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FURTHER INFORMATION:

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Web: <http://indico.ictp.it/event/10850/>

Female scientists are encouraged to apply.

GRANTS:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.



forward together
sonke siya phambili
saam vorentoe

