Session Program

Jul 24 – 30, 2016

The 34th International Symposium on Lattice Field Theory (Lattice 2016)

Plenary Session

Highfield Campus, University of Southampton
Highfield Campus, Southampton SO17 1BJ, UK

Mon, July 25

9:15 AM

Plenary Session

Session |
Location: Highfield Campus, University of Southampton, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link, Highfield Campus, Southampton SO17 1BJ, UK |
Convener: Prof. Robert Edwards

9:15 – 9:45 AM

From Spin Models to Lattice QCD – the Scientific Legacy of Peter Hasenfratz

Speaker
Urs Wenger

9:45 – 10:30 AM **Review on Hadron Spectroscopy**

Speaker
Prof. Chuan Liu

10:30 – 11:00 AM **Resonances in Coupled-Channel Scattering**

Speaker
Dr David Wilson

11:00 AM

11:30 AM

Plenary Session

Session |
Location: University of Southampton, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link |
Convener: Prof. Yoshinobu Kuramashi

11:30 AM – 12:15 PM **Hadronic contributions to the muon $g-2$ from lattice QCD**

Speaker
Prof. Hartmut Wittig

12:15 – 12:45 PM **Towards a theory of the QCD string**

Speaker
Sergei Dubovsky

12:45 PM

Tue, July 26

9:00 AM

Plenary Session

Session |
Location: Highfield Campus, University of Southampton, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link, Highfield Campus, Southampton SO17 1BJ, UK |
Convener: Prof. Constantia Alexandrou

9:00 – 9:45 AM **Nuclear Physics**

Speaker
Prof. Martin Savage

9:45 – 10:15 AM **New simulation strategies for lattice QCD**

Speaker
Dr Michael Endres

10:15 – 10:45 AM **Tensor networks**

Speaker
Dr Shinji Takeda

10:45 AM

11:15 AM

Plenary Session

Session |
Location: University of Southampton, Highfield Campus, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link |
Convener: Dr James Zanotti

11:15 AM – 12:00 PM **Hadron Structure**

Speaker
Dr Sara Collins

12:00 – 12:30 PM **From C to Parton Sea: Bjorken-x dependence of the PDFs**

Speaker
Prof. Huey-Wen Lin

12:30 PM

Thu, July 28

9:00 AM

Plenary Session

Session |
Location: University of Southampton, Highfield Campus, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link |
Convener: Prof. Junko Shigemitsu

9:00 – 9:45 AM **Impact of lattice QCD on CKM phenomenology**

Speaker
Monika Blanke

9:45 – 10:15 AM **Heavy flavor physics**

Speaker
ran zhou

10:15 – 10:45 AM **Neutrinoless double beta decay from lattice QCD**

Speaker
Dr Amy Nicholson

10:45 AM

11:15 AM

Plenary Session

Session |
Location: University of Southampton, Highfield Campus, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link |
Convener: Dr Andreas Kronfeld

11:15 AM – 12:00 PM **QED Corrections to Hadronic Observables**

Speaker
Agostino Patella

12:00 – 12:30 PM **Presentation of 2016 Kenneth Wilson Award**

12:30 PM

Fri, July 29

9:00 AM

Plenary Session

Session |
Location: University of Southampton, Highfield Campus, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link |
Convener: Prof. Sandor Katz Katz

9:00 – 9:45 AM **Lattice QCD at nonzero temperature and density**

Speaker
Prof. Heng-Tong Ding

9:45 – 10:15 AM **Heavy flavours in quark-gluon plasma**

Speaker
Prof. Seyong Kim

10:15 – 10:45 AM **Density of States**

Speaker
Prof. Kurt Langfeld

10:45 AM

11:15 AM

Plenary Session

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Location: University of Southampton, Highfield Campus, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link |
Convener: Prof. David Lin

11:15 AM – 12:00 PM **Phenomenology of Heavy Ions and LQCD**

Speaker
Prof. Aleksi Kurkela

12:00 – 12:30 PM **Energy-momentum tensor on the lattice: recent developments**

Speaker
Prof. Hiroshi Suzuki

12:30 PM

Sat, July 30

9:00 AM

Plenary Session

Session |
Location: University of Southampton, Highfield Campus, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link |
Convener: Prof. Anna Hasenfratz

9:00 – 9:45 AM

Beyond the Standard Model: Charting Fundamental Interactions via Lattice Simulations

Speaker
Prof. Claudio Pica

9:45 – 10:15 AM

Strongly Coupled Composite Dark Matter

Speaker
Dr Enrico Rinaldi

10:15 – 10:45 AM

A New Perspective on Chiral Gauge Theories

Speaker
Prof. David Kaplan

10:45 AM

11:15 AM

Plenary Session: Conference Closing

Session |
Location: University of Southampton, Highfield Campus, Building 32 (EEE) Room 1015 and Building 67 (Nightingale) Room 1027 via video link |
Convener: Prof. Norman Christ

11:15 – 11:45 AM

Richard Feynman, Data-Intensive Science and the Future of Computing

Speaker
Prof. Tony Hey

11:45 AM – 12:30 PM

Machines and Algorithms

Speaker
Prof. Peter Boyle

12:30 – 1:00 PM

Closing Remarks

1:00 PM