

# 10TH INTERNATIONAL CONFERENCE ON STRONG AND ELECTROWEAK MATTER (SEWM2012)

Swansea University, Swansea, United Kingdom  
Tuesday July 10 - Friday July 13 2012

## Local Organizing Committee

Gert Aarts  
Chris Allton  
Simon Hands  
Biagio Lucini  
Maurizio Piai  
Graham Shore  
Joerg Jaeckel (IPPP Durham)

## International Advisory Committee

Peter Arnold (Virginia)  
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Wilfried Buchmueller (DESY)  
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Edwin Laermann (Bielefeld)  
Mikko Laine (Bern)  
Cristina Manuel (Barcelona)  
Anton Rebhan (Vienna)  
Kari Rummukainen (Helsinki)  
Mikhail Shaposhnikov (Lausanne)  
Edward Shuryak (Stony Brook)  
Laurence Yaffe (Seattle)

## Invited Speakers

Mark Alford (St. Louis)  
Marco Cirelli (CERN & Saclay)  
David Evans (ALICE, Birmingham)  
Kenji Fukushima (Keio)  
Francois Gelis (Saclay)  
Sourendu Gupta (Mumbai)  
Stephan Huber (Sussex)  
Romuald Janik (Krakow)  
Aleksi Kurkela (Montreal)

Jean-Francois Laporte (ATLAS, Saclay)  
Maria-Paola Lombardo (Frascati)  
David Mateos (Barcelona)  
Owe Philipsen (Frankfurt)  
Arttu Rajantie (London)  
Kari Rummukainen (Helsinki)  
Francesco Sannino (Odense)  
Derek Teaney (Stony Brook)

*The European Physical Journal lecture: Prof Peter Higgs (Edinburgh)*

## Topics

- Phase diagram and equation of state of QCD
- Non-equilibrium dynamics in the early universe
- Heavy-ion collisions and the quark-gluon plasma
- Dynamics of dense nuclear matter
- Quantum field dynamics far from equilibrium
- Holographic models of strongly coupled matter
- Electroweak symmetry breaking
- Baryogenesis and leptogenesis
- Strongly interacting dynamics beyond the Standard Model

## CONTACT

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