



# Strong and Electroweak Matter Conference (SEWM 2018)

## Monday 25 June 2018

### Plenary: I - Agora (09:00-10:30)

-Conveners: Cristina Manuel

time	[id] title	presenter
09:00	[82] Institutional Opening	Dr PARREÑO, Assumpta Dr RIBAS, Ignasi Mr PORTABELLA, Jordi Dr MIQUEL, Ramon
09:45	[110] Quark matter: the high density frontier	Prof. ALFORD, Mark

### Plenary: II - Agora (11:00-13:00)

-Conveners: Gert Aarts

time	[id] title	presenter
11:00	[100] Extreme Holography	Prof. MATEOS, David
11:45	[101] Complex Paths around the Sign Problem	Prof. BEDAQUE, Paulo
12:30	[19] Hydro+ : Hydrodynamics for the QCD critical point	Prof. STEPHANOV, Mikhail

## Tuesday 26 June 2018

### **Plenary: III - Agora (09:00-10:30)**

**-Conveners: Mikko Laine**

time	[id] title	presenter
09:00	[67] Unstable r-modes and gravitational waves	Prof. ANDERSSON, Nils
09:45	[70] Consequences of neutron star mergers for constraining the equation of state of nuclear matter	Prof. REZZOLLA, Luciano

### **Plenary: IV - Agora (11:00-13:00)**

**-Conveners: Anders Tranberg**

time	[id] title	presenter
11:00	[108] Axions and General Relativity	Dr URBANO, Alfredo
11:45	[106] Gravitational waves from first order phase transitions	HUBER, Stephan
12:30	[23] (CANCELLED)Gravitational-wave constraints on the neutron-star-matter equation of state	GORDA, Tyler

# Wednesday 27 June 2018

## Plenary: V - Agora (09:00-10:30)

**-Conveners: Mikhail Stephanov**

time	[id] title	presenter
09:00	[102] Recent results and surprises from collisions of ultrarelativistic heavy ions	Dr GROSSE-OETRINGHAUS, Jan Fiete
09:45	[109] Hydrodynamics Off Equilibrium	Prof. ROMATSCHKE, Paul

## Plenary: VI - Agora (11:00-13:00)

**-Conveners: Edmond Iancu**

time	[id] title	presenter
11:00	[99] Sudakov effects in jet quenching	TYWONIUK, Konrad
11:45	[105] Transport coefficients of QCD at NLO	Dr GHIGLIERI, Jacopo
12:30	[44] Quantum interference in showering: Progress on IR-safe calculations	ARNOLD, Peter

# Thursday 28 June 2018

## **Plenary: VII - Agora (09:00-10:30)**

**-Conveners: Laurence Yaffe**

time	[id] title	presenter
09:00	[107] The Electroweak Phase Transition-Flavour Cosmology Interplay	Prof. SERVANT, Geraldine
09:45	[72] From instantons to axions: a lattice perspective	Dr BORSANYI, Szabolcs

## **Plenary: VIII - Agora (11:00-13:00)**

**-Conveners: Peter Arnold**

time	[id] title	presenter
11:00	[104] Probing the photon emission rate of quark-gluon plasma in lattice QCD	Prof. MEYER, Harvey
11:45	[71] Open quantum systems approach to the study of quarkonium suppression	ESCOBEDO ESPINOSA, Miguel Ángel
12:30	[17] Low-scale resonant leptogenesis at complete leading order	LAINE, Mikko

# Friday 29 June 2018

## **Plenary: IX - Agora (09:45-10:30)**

**-Conveners: Jose Espinosa**

time	[id] title	presenter
09:45	[111] The Electroweak Phase Transition Near the Standard Model.	Prof. TRANBERG, Anders

## **Plenary: X - Agora (11:00-13:00)**

**-Conveners: Margaret Carrington**

time	[id] title	presenter
11:00	[73] Lessons from QCD on a circle	Dr CHERMAN, Aleksey
11:45	[103] Quantum Simulations: From Lattice Gauge Theories to Machine Learning	Prof. LEWENSTEIN, Maciej
12:30	[98] Funding opportunities from the European Research Council	Prof. ALBACETE, Javier L