



# Strong and Electroweak Matter 2016

## Monday 11 July 2016

### Plenary - G-001 (13:30-15:30)

**-Conveners: Tomas Brauner**

time	[id] title	presenter
13:30	[65] Overview of ATLAS & CMS: Experiments, Techniques, and Results	PETERSEN, Troels
14:30	[66] Recent results from the LHC heavy ion programme	ROHRICH, Dieter

### Plenary - G-001 (16:00-17:45)

**-Conveners: Tomas Brauner**

time	[id] title	presenter
16:00	[68] Recent results on lattice QCD thermodynamics	RATTI, Claudia
17:00	[58] Probes of the Electroweak Phase Transition and Baryogenesis at the LHC	NO, Jose Miguel

# Tuesday 12 July 2016

## Plenary - G-001 (09:00-10:30)

**-Conveners: Mikhail Shaposhnikov**

time	[id] title	presenter
09:00	[61] Geometric picture for scattering amplitudes	TRNKA, Jaroslav
09:45	[62] Electroweak baryogenesis from dynamical CKM matrix	SERVANT, Geraldine

## Plenary - G-001 (11:00-12:30)

**-Conveners: Mikhail Shaposhnikov**

time	[id] title	presenter
11:00	[63] The first Fermi of a Heavy-Ion Collision: results, puzzles, and opportunities	VENUGOPALAN, Raju
11:45	[64] Vacuum stability and early universe physics	NURMI, Sami

# Wednesday 13 July 2016

## Plenary - G-001 (09:00-10:45)

**-Conveners: Alexander Rothkopf**

time	[id] title	presenter
09:00	[7] Effective field theory techniques applied to the hard scales of the plasmas	MANUEL, Cristina
09:45	[67] Axions: The Unfinished Business of QCD	WILCZEK, Frank

## Plenary - G-001 (11:15-12:45)

**-Conveners: Alexander Rothkopf**

time	[id] title	presenter
11:15	[59] EFT and its applications in cosmology	CREMINELLI, Paolo
12:00	[60] Topological transport phenomena in strong and electroweak matter	YAMAMOTO, Naoki

# Thursday 14 July 2016

## Plenary - G-001 (09:00-10:30)

-Conveners: **Jacopo Ghiglieri**

time	[id] title	presenter
09:00	[54] Gravitational waves and eLISA	HINDMARSH, Mark
09:45	[55] Jet evolution in dense QCD matter	WU, Bin

## Plenary - G-001 (11:00-12:30)

-Conveners: **Jacopo Ghiglieri**

time	[id] title	presenter
11:00	[56] Leptogenesis	BÖDEKER, Dietrich
11:45	[57] Background magnetic fields and the QCD phase diagram	ENDRODI, Gergely

# Friday 15 July 2016

## Plenary - G-001 (09:00-10:30)

-Conveners: Guy Moore

time	[id] title	presenter
09:00	[52] Vacuum (meta?)stability, Higgs inflation and physics beyond the Standard Model	SHAPOSHNIKOV, Mikhail
09:45	[53] Dense nuclear and quark matter in compact stars	SCHMITT, Andreas

## Plenary - G-001 (11:00-12:30)

-Conveners: Guy Moore

time	[id] title	presenter
11:00	[51] Hydrodynamization in weakly-coupled heavy-ion collisions	KURKELA, Eero Aleksi
11:45	[29] Lessons from Numerical Holography	YAFFE, Laurence