



# Strong and Electroweak Matter 2016

## Tuesday 12 July 2016

### Parallel Track 3 - Ø-130 (13:30-15:30)

-Conveners: Julien Serreau

time	[id] title	presenter
13:30	[3] The effects of higher order truncations in the 2PI description of phase transitions	MARKO, Gergely
14:00	[25] Non-equilibrium dynamics of inhomogeneous quantum fields	GARRATT, Thomas
14:30	[30] Renormalization of $\phi^4$ -theory in the 2PI Hartree approximation scheme for non-vanishing background field	GROß, Christoph
15:00	[2] Next-to-leading order nPI calculations in scalar theories	CARRINGTON, Margaret

# Wednesday 13 July 2016

## Parallel Track 3 - Ø-130 (13:45-15:45)

-Conveners: Mikko Sakari Laine

time	[id] title	presenter
13:45	[45] Active and sterile neutrino dynamics below the electroweak crossover	GHIGLIERI, Jacopo
14:15	[37] Decay Rate of Right-Handed Neutrinos in Light of Collective Excitations at Electroweak Scale	Dr MIURA, Kohtaroh
14:45	[9] Leptogenesis and gravity: baryon asymmetry without decays	Mr MCDONALD, Jamie
15:15	[42] Leptogenesis in GeV seesaw models with large mixing angles	Mr KLARIC, Juraj

# Thursday 14 July 2016

## Parallel Track 3 - Ø-130 (13:30-15:30)

**-Conveners: Gert Aarts**

time	[id] title	presenter
13:30	[18] Study of the chiral phase transition with vector and axial-vector mesons in an extended linear sigma model within the functional renormalization group approach	ESER, Jürgen
14:00	[6] Chiral symmetry restoration from the hadronic regime	GOMEZ NICOLA, Angel
14:30	[31] Complex Langevin Dynamics for a Random Matrix Model of QCD at finite density	Dr ZAFEIROPOULOS, Savvas
15:00	[46] Symmetry breaking restoration by acceleration	DOBADO GONZALEZ, ANTONIO

## Parallel Track 3 - Ø-130 (16:00-18:00)

**-Conveners: Andreas Schmitt**

time	[id] title	presenter
16:00	[21] Chiral magnetic effect and chiral kinetic theory	Dr PU, Shi
16:30	[44] Chiral magnetic effect by synthetic gauge fields	Dr HAYATA, Tomoya
17:00	[12] Quark matter and neutron stars	VUORINEN, Aleksi
17:30	[43] Superfluid vortices in dense quark matter	WINDISCH, Andreas