

Session Program

13-18 mai 2018



Third SVOM Scientific Workshop : Disentangling the merging universe with SVOM

The physics of coalescence

Les Houches
Ecole de Physique des Houches 149 Chemin de La Côte F-74310 Les Houches FRANCE

mar. 15 mai

14:00

The physics of coalescence**Session** | **Site:** Les Houches, Ecole de Physique des Houches 149 Chemin de La Côte F-74310 Les Houches FRANCE**14:00 – 14:30** **GRB 170817A: some lessons and new questions from an historical event****Orateur**

Robert Mochkovitch

14:30 – 15:00 **Physics of GW170817/GRB 170817A association****Orateur**

Bing Zhang

15:00 – 15:30 **The Physics of magnetar formation****Orateur**

Jérôme Guilet

15:30 – 15:45 **How to constrain the nature of Gamma-Ray Burst progenitors? The example of long GRBs****Orateur**

Jesse Palmerio

15:45 – 16:15 **Coffee break****16:15 – 16:45** **Observational constraints on the magnetar/GRB connection****Orateur**

Maria Grazia Bernardini

16:45 – 17:15 **Postmerger physics : nature of the central object - kilonova ejecta****Orateur**

Andreas Bauswein

17:15 – 17:45 **Nucleosynthesis by the rapid neutron capture process****Orateur**

Stéphane Goriely

17:45 – 18:15 **Electromagnetic Counterparts from Double Neutron Star Mergers.****Orateur**

Gao He

18:15