

# **Introduction to Marconi KNL Cluster, for users and developers**

Rome, October 23<sup>rd</sup> 2017

09.30 – 10.00 Registration

10.00 -10.15 Welcome (Grottesi)

10.15 – 11.25 Introduction to Intel Knights Landing and Skylake architecture (Baccarelli)

11:25 – 11:45 Coffee Break

11:45 – 12:30 Benchmark results on Knights Landing architecture (Amati/Lanucara)

12:30 – 13:00 Configuration of Marconi A2 and A3 partitions (KNL and Skylake) (Grottesi)

13:00 – 14:30 Lunch Break

14.30 – 15.30 Production environment on Marconi KNL and Skylake clusters (Bueno-Minguez)

15.30 – 15:50 Coffee Break

15:50 – 16:10 Resources Allocation procedure on Marconi (Grottesi)