

Beyond the LHCb Phase-1 Upgrade

chaired by Giovanni Punzi (PI), Guy Wilkinson (University of Oxford)

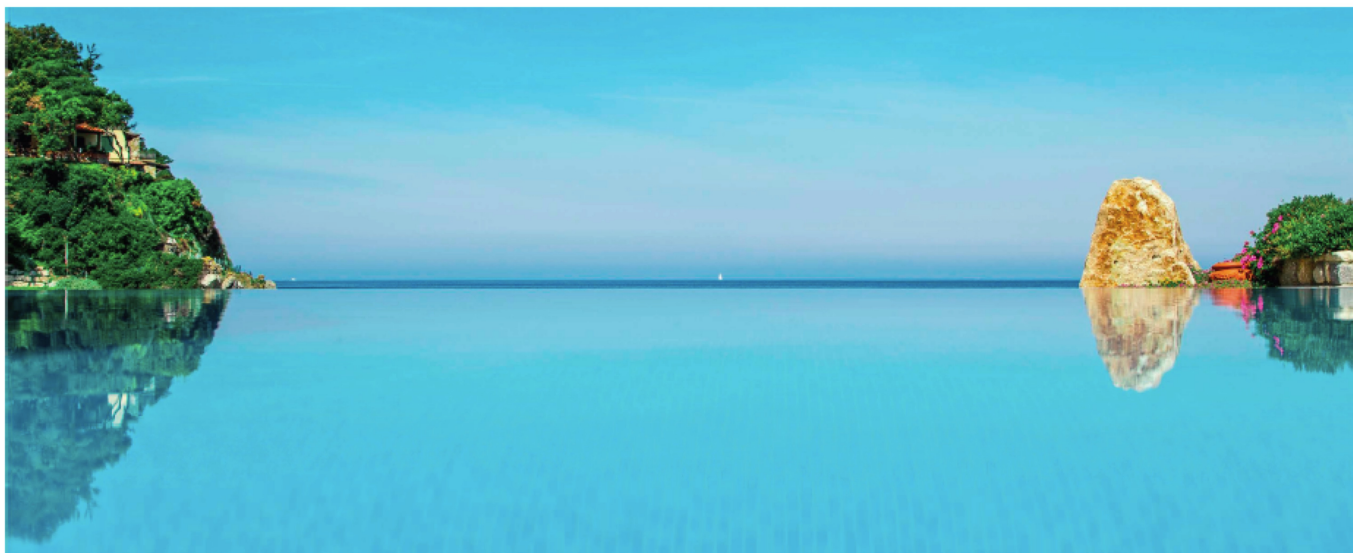
from Sunday, 28 May 2017 at **17:00** to Wednesday, 31 May 2017 at **14:00** (Europe/Rome)
at **La Biodola, Isola d'Elba (Italy)**

Hotel Hermitage

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Beyond the LHCb Phase-1 Upgrade

Opportunities in flavour physics in the HL-LHC era



An [Expression Of Interest](#) has recently been put forward by the LHCb collaboration, for an experimental programme going beyond the current LHCb Phase-I Upgrade plan, aiming at a fuller exploitation of the Flavor physics potential of the HL-LHC.

The purpose of this workshop is to discuss and further develop this long-term program, aimed at LHC Run-5, both from the point of view of the physics potential, and the detector technologies that can enable it.

This meeting is not restricted to LHCb members, but is open to anyone interested in the discussion.

Monday, 29 May 2017

08:30 - 12:30

Morning Session

08:30 **Welcome** 10'

08:45 **LHCb upgrades: setting the stage** 25'

Speaker: Guy Wilkinson (University of Oxford)

09:15 **Theory opening** 30'

Speaker: Zoltan Ligeti (LBL)

09:50 **Operating IP8 at high luminosity in the HL-LHC era** 25'

Speaker: Ricardo De Maria

10:20 **Coffee Break** 20'

10:40 **Belle-II Status** 20'

Speaker: Giuseppe Finocchiaro (LNF)

11:05 **Theory prospects for CP violation in Beauty and Charm** 25'

Speaker: Dr. Luca Silvestrini (ROMA1)

11:35 **Prospects for CP violation in Beauty and Charm at LHCb** 25'

Speaker: Daniel Johnson (CERN)

12:05 **Very rare decays and lepton flavour violation searches at LHCb** 20'

Speaker: Jessica Prisciandaro (Santiago)

12:30 - 15:30

Lunch (Fuoco di bosco)