

**Session Program**

6-9 Jul 2021

**Offshell-2021 – The virtual HEP conference  
on Run4@LHC**

***Unexplored ideas for ALICE, ATLAS, CMS and  
LHCb***

## Tuesday 6 July

14:30

### Unexplored ideas for ALICE, ATLAS, CMS and LHCb: Block A (Europe / US East)

**Session** | **Location:** | **Conveners:** Jan Fiete Grosse-Oetringhaus, Kristin Lohwasser

14:30–14:40 **Introduction (live)**

**Speaker**

Offshell Organisers

14:40–15:30 **Theory Ideas (live)**

**Speakers**

Laura Reina, Nathaniel Craig, Nathaniel Craig, Nathaniel Craig

15:30–15:35 **Photo session**

15:35–16:05 **Probing same-sign WW in hadronic signatures (live)**

**Speaker**

Karolos Potamianos

16:05–16:35

**Prospects on searches for baryonic Dark Matter produced in  $b\bar{b}$ -hadron decays at LHCb (live)**

**Speakers**

Diego Martinez Santos, Carlos Vazquez Sierra

16:35–17:20 **Upgrade and physics plans for ATLAS in LHC Run4 (live)**

**Speaker**

Claire Antel

17:20–17:50

**Exploring new possibilities to discover a light pseudo-scalar at LHCb (live)**

**Speakers**

Gabriele Ferretti, Tom Flacke, Xabier Cid Vidal

17:50

## Wednesday 7 July

00:30

### Unexplored ideas for ALICE, ATLAS, CMS and LHCb: Block B (US West / Asia)

**Session** | **Location:** | **Conveners:** Stathes Paganis, Alberto Belloni

00:30–00:40 **Introduction (live)**

00:40–01:30 **Theory ideas (live)**

**Speakers**

Nathaniel Craig, Nathaniel Craig, Nathaniel Craig, Laura Reina

01:30–01:35 **Photo session**

01:35–02:05 **Probing same-sign WW in hadronic signatures (recorded)**

**Speaker**

Karolos Potamianos

02:05–02:35

**Prospects on searches for baryonic Dark Matter produced in  $b\bar{b}$ -hadron decays at LHCb (live)**

**Speakers**

Diego Martinez Santos, Carlos Vazquez Sierra

02:35–03:20 **Upgrade and physics plans for ATLAS in LHC Run4 (recorded)**

**Speaker**

Claire Antel

03:20–03:50

**Exploring new possibilities to discover a light pseudo-scalar at LHCb (live)**

**Speakers**

Tom Flacke, Xabier Cid Vidal

03:50