



**EOS**  
THE EXCELLENCE  
OF SCIENCE



- The H boson gateway to physics beyond the Standard Model -



**Solstice Meeting 20 Dec 2018**





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**1. Program covering all aspects of the WPs**

**2. Welcome the members of our Scientific advisory panel:**

- \* **Daniela Bortoletto (Oxford University)**
- \* **Paris Sphicas (CERN - NKU Athens)**
- \* **Christophe Grojean (DESY-Berlin)**

**3. Welcome the PD and PhD representatives in the Steering Board:**

- \* **Thomas Kello (PhD - UA)**
- \* **Aqeel Ahmed (PD - VUB)**

	<b>Welcome coffee</b>	
10:00	Salle Solvay, ULB	09:45 - 10:15
	<b>The Solid experiment</b>	Simon Vercaemer
	Salle Solvay, ULB	10:15 - 10:35
	<b>Gravitational Waves from Dark Matter</b>	Iason Baldes
	Salle Solvay, ULB	10:35 - 10:55
11:00	<b>Reconstruction of displaced objects in CMS</b>	Jessica Prisciandaro
	Salle Solvay, ULB	10:55 - 11:15
	<b>First observation of the tZq process by CMS</b>	Willem Verbeke
	Salle Solvay, ULB	11:15 - 11:35
	<b>Neutral Naturalness at the LHC</b>	Aqeel Ahmed
	Salle Solvay, ULB	11:35 - 11:55
12:00	<b>Lunch</b>	
13:00	Salle Solvay, ULB	11:55 - 13:15
	<b>Physics at future lepton colliders</b>	Paolo Giacomelli
	Salle Solvay, ULB	13:15 - 13:50
14:00	<b>Probing the SMEFT quantum structure at future lepton colliders</b>	Gauthier Durieux
	Salle Solvay, ULB	13:50 - 14:25
	<b>Review of H-&gt; WW analysis in CMS and prospect for the full Run2 analysis</b>	Davide Di Croce
	Salle Solvay, ULB	14:25 - 14:45
	<b>Searches for heavy scalars decaying to tt and ZZ</b>	Andrey Popov
15:00	Salle Solvay, ULB	14:45 - 15:05
	<b>Coffee Break</b>	
	Salle Solvay, ULB	15:05 - 15:30
	<b>Exploring the lifetime frontier with supplementary detectors</b>	Simon Knapen
	Salle Solvay, ULB	15:30 - 16:05
16:00	<b>A Heavy metal path to new physics</b>	Jan Hajer
	Salle Solvay, ULB	16:05 - 16:25
	<b>End of the meeting</b>	
	Salle Solvay, ULB	16:25 - 16:40