

**WHEPP 2019**  
**(December 1 – 10, 2019)**

**WG2 Academic Programme**

**Monday, December 2, 2019**

<b>Session 1 (Venue:)</b>		
14.00-14.15	Talk 0: JL/US	Welcome and introduction to the WG
14.15-15.00	Talk 1: Vishal Bhardwaj	Topic: A critical look at the B decay anomalies at the end of 2019
15.00-15.30	Discussion	
15.30-16.00	<b>Tea Break</b>	
<b>Session 2 (Venue:)</b>		
16.00-16.30	Participant talk: Seema Bahinipati	Charm prospects at Belle II
16.30-17.30	Working session 1	

**Tuesday, December 3, 2019**

<b>Session 3 (Venue:)</b>		
14.00-14.45	Talk 3: Paolo Gambino	Topic: Determination of $V_{xb}$ : resolving the tension between inclusive and exclusive measurements?
14.45-15.30	Discussion	
15.30-16.00	<b>Tea Break</b>	
<b>Session 4 (Venue:)</b>		
16.00-17:30	Working session 2	

**Wednesday, December 4, 2019**

<b>Session 5 (Venue:)</b>		
14.00-14.45	Talk 4: Rukmani Mohanta	Topic: Combined explanation for $RD/RD^*$ and $RK/RK^*$
14.45-15.30	Discussion	
15.30-16.00	<b>Tea Break</b>	
<b>Session 6 (Venue:)</b>		
16.00-16.25	Abinash Nayak	What can we learn from CP violation in charmless hadronic B decay?
16.25-16.50	Sibasish Roy	Hadronic beauty baryon decays based on SU(3) flavour analysis
16.50-17.30	Discussion	

**Thursday, December 5, 2019**

<b>Session 7 (Venue:)</b>	
14.00-15.30	ILC session
15.30-16.00	<b>Tea Break</b>
<b>Session 8 (Venue:)</b>	
16.00-16.45	ILC session
16.45-17.30	Discussion

**Friday, December 6, 2019**

<b>Session 9 (Venue:)</b>		
11.00-11.45	Amarjit Soni	Topic: CP violation in charm
11.45-12.30	Discussion	
12.30-14.00	<b>Lunch Break</b>	
<b>Session 10 (Venue:)</b>		
14.00-14.45	Wojtek Krzemien (LHCb)	Topic: Observation of CP violation in charm: what should we study next?
14.45-15:30	Discussion	
15.30-16.00	<b>Tea break</b>	
<b>Session 11 (Venue:)</b>		
16.00-16.25	Joytirmoi Borah	Search for the decay $B_s \rightarrow \pi^0 \pi^0$ at Belle detector
16.25-16.50	Devender Kumar	Observation of the decay $B_s \rightarrow J/\psi \pi^0$ at Upsilon(5S) resonance
16.50-17.00	Discussion	

**Saturday, December 7, 2019**

<b>Session 12 (Venue:)</b>		
09.00-09.45	Talk 8: Sebastien Descotes-Genon	Topic: Beyond 1 <sup>st</sup> and 3 <sup>rd</sup> generation unitarity triangle: what can we learn from the others?
09.45-10.30	Discussion	
10.30-11.00	<b>Tea Break</b>	
<b>Session 13 (Venue:)</b>		
11.00-11.25	Shireen Gangal	Correlating $b \rightarrow s l \bar{l}$ and $b \rightarrow d l \bar{l}$ decays in Z-prime models
11.25-11.50	Anirban Karan	Testing W-W-gamma vertex in radiative muon decays
11.50-12.30	Discussion	
12.30-14.00	<b>Lunch Break</b>	
<b>Session 14 (Venue:)</b>		
14.00-14.25	Aritra Biswas	Exhaustive model selection in $b \rightarrow s l \bar{l}$
14.25-14.50	Sunando Patra	Applicability of neural network in model selection in $b \rightarrow c \tau \nu$
14.50-15.30	Discussion	

**Monday, December 9, 2019**

<b>Session 15 (Venue:)</b>		
11.00-11.30	Talk 2: Nilmani Mathur (via Skype) [TBC]	Topic: Inputs from the lattice for CKM and the anomalies
11.30-12.00	Open mic 2	Topic: Presentations around the outcome of discussions
12.00-12.30	Discussion - maybe more shorter presentations based upon demand	
12.30-14.00	<b>Lunch Break</b>	
<b>Session 16 (Venue:)</b>		
14.00-15.30	Working session 3 – to finalize the outcomes and summary of the WG	
15.30-16.00	Tea Break	
<b>Session 17 (Venue:)</b>		
16.00-17.30	Working session 4 – to finalize the outcomes and summary of the WG	