

News

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Rare decay meeting,
CERN, 11 september 2017



- $B^+ \rightarrow K^{*+} \mu\mu$
 - ▶ BPH-15-009: Taiwan, Peking, NISER, Purdue
 - ▶ 2012 dataset: no look at 2016 data
 - ▶ ARC-gren light. Approval on 25/7, still issue with background
- $B^+ \rightarrow K^+ \mu\mu$
 - ▶ BPH-15-001 people as 15-009
 - ▶ 2012 dataset
 - ▶ Pre-App (24/11/2015). update on 8/5/2017, 21/6/2017: discussion with SC about FC and F_H coverage
- $B^0 \rightarrow K^* \mu\mu$
 - ▶ BPH-15-008: Milano, Padova, Peking
 - ▶ 2012 dataset, first look at 2016 data
 - ▶ PAS pub, Final Reading for paper on 20/9
- $B_s^0 \rightarrow \psi \mu\mu$
 - ▶ Just started, presented at last week's BPAG, NISER, IITB
 - ▶ 2016 dataset



- $B^0 \rightarrow \mu\mu$
 - ▶ BPH-16-004, PSI, TWU, NISER, ...
 - ▶ 2012-2016 dataset
 - ▶ Yield instability under control with double ratio
 - ▶ no-preapp yet
- $\tau \rightarrow \mu\mu\mu$
 - ▶ No cad i yet, Florida
 - ▶ 2016 dataset
 - ▶ last presentation 27/3: build global L, still large background, yield instability of control channels,
- $W \rightarrow \tau \rightarrow \mu\mu\mu$
 - ▶ No cad i yet, Milano, Rochester
 - ▶ 2016 dataset
 - ▶ last presentation 27/3: feasibility, acceptance and trigger studies, first limit
- $Z \rightarrow J/\psi\mu\mu$
 - ▶ BPH-16-001 Colorado
 - ▶ 2016 dataset
 - ▶ Pre-App (11/4), active discussion with ARC

Summary of current status for all the analysis, plus any work done on 2016 data (for 2012-based analysis)

16:00	→ 16:05	News	🕒 5m
<p>Speakers: Stefano Lacaprara (INFN sezione di Padova) , Urs Langenegger (Paul Scherrer Institut (CH))</p> <p> slide.pdf</p>			
16:05	→ 16:15	BPH-15-009 B+→K*+mumu	🕒 10m
<p>Speaker: Dr. Mauro Dinardo (Universita & INFN, Milano-Bicocca (IT))</p> <p> 2017_09_11 - BPH.p...</p>			
16:15	→ 16:25	BPH-15-001 B+→K+mumu	🕒 10m
<p>Speakers: Dayong Wang (Peking University (CN)) , Geng Chen (Peking University (CN))</p>			
16:25	→ 16:35	BPH-15-009 B+→K*+mumu	🕒 10m
<p>Speaker: Sanjay Kumar Swain (National Institute of Science Education and Research (IN))</p> <p> BPH-KSTPMM.pdf</p>			
16:35	→ 16:45	tau→3mu from W	🕒 10m
<p>Speakers: Luca Guzzi (Universita & INFN, Milano-Bicocca (IT)) , Riccardo Manzoni (Universita & INFN Milano Bicocca) , Sara Fiorendi (Universita & INFN, Milano-Bicocca (IT))</p>			



Additional or backup slides

