Posters Award

Committee: Johannes Albrecht, María Cepeda, Tristan du Pree, Elisabetta Gallo (chair), Stefania Gori, Heather Gray, Yvonne Pachmayer, Marek Schoenherr, José Zurita



Thanks to all the posters presenters!

- 124 posters on a broad range of subjects
- All posters very well prepared and presented
- It was very difficult to choose
- Five best posters to be awarded prizes (sponsored by CERN and IUPAP)



New Small Wheel sTGC Front-End Electronics Integration and Commissioning for ATLAS Phase I Upgrade

Ms. Prachi Atmasiddha (University of Michigan, Ann Arbor)

- Clear explanation of a technical topic
- Answered questions with great detail and enthusiasm



in voltage-time space, where

the measurement of the Bit

Error Ratio (BER) is lower

than a maximum acceptable

value which is generally set to

Territoria:

NET ENTEROES

REPROPORT

REPROP

Eye-diagrams: for the signal

transmission at 4.8 Gbps (Y-axis:

voltage, X-axis: time) Smaller

opening could be because of more

Successful mounting and checking of the Front-Ends wit

· The fully tested sTGC wedges are being mounted on the

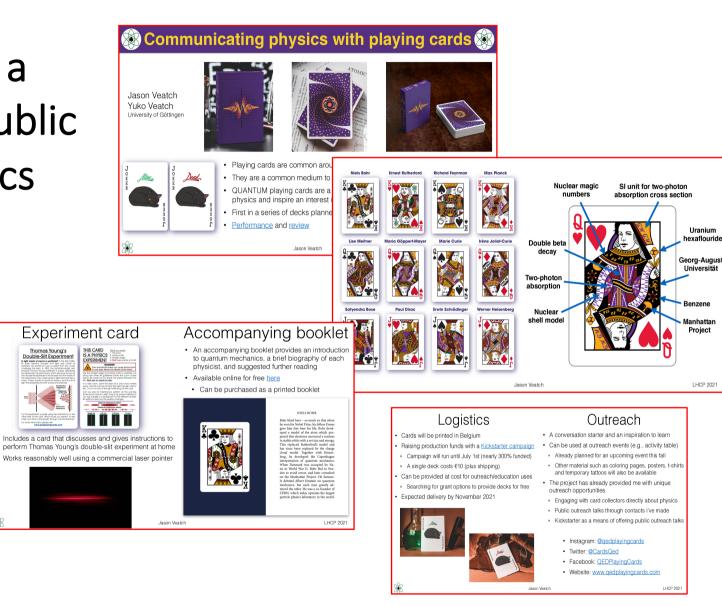
New Small Wheel along with the Micromegas detector

wedges, All NSW Side-A Wedges have been mounted

Playing cards as a tool to create public interest in physics

Jason Robert
Veatch (Georg
August
Universitaet
Goettingen)

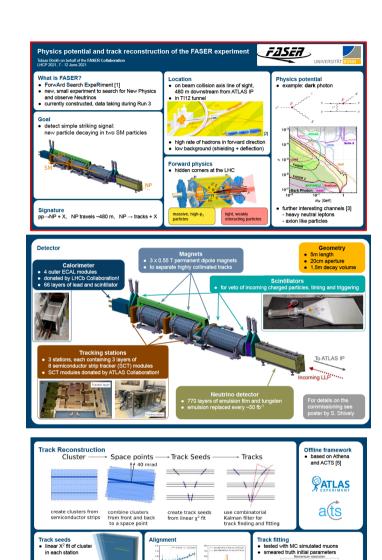
 Imaginative and original way to engage the public and create interest in particle physics



Physics Potential and Track Reconstruction of the FASER Experiment

Tobias Boeckh (University of Bonn)

- Very good overview of a small, but high-potential experiment in the shadow of the LHC
- Clear explanations in the videos
- Nice plots, well explained, complete



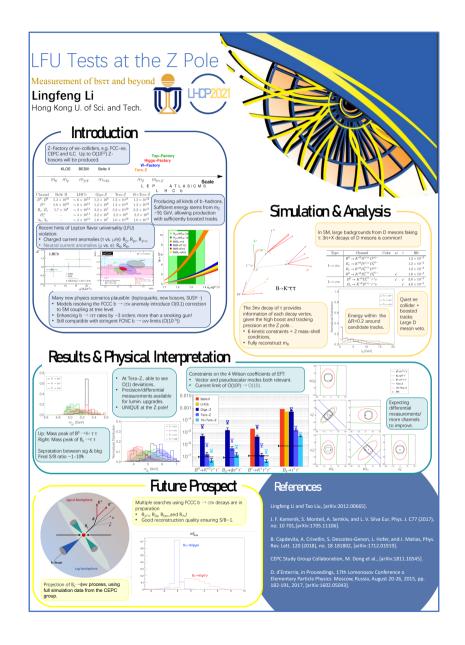
-2.3 ± 5.8

igma in μm 27.6 ± 7.0

LFU Tests at the Z Pole

Lingfeng Li (Hong Kong UST)

- Hot topic
- Original design with LHCP2021 logo
- Attracts attention



Combined Constraints on First Generation Leptoquarks







Luc Schnell (LPTHE Paris, ETH Zurich, École Polytechnique de Paris)

- Thorough work
- Includes colliders and low energy experiments, also **HERA** data
- Nice design!

