

# Workshop Summary

Belgrade 2017

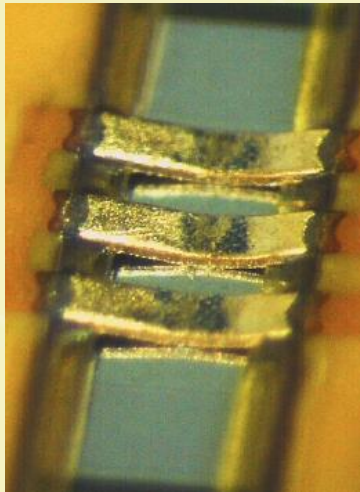
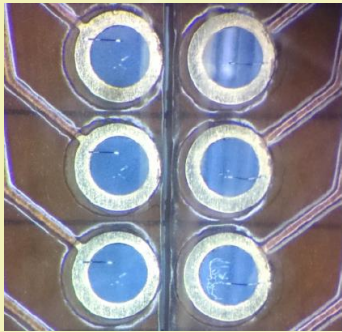
Wolfgang Lohmann, BTU, DESY and RWTH

# General talks

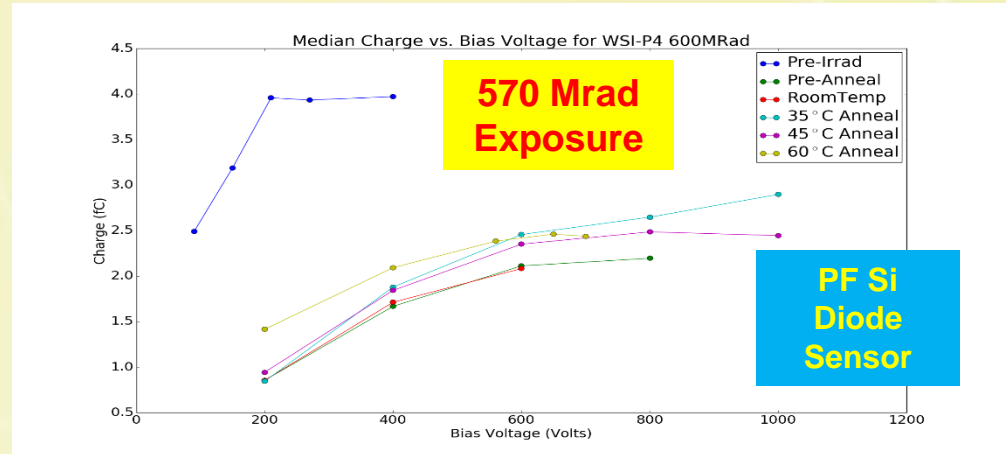
- Reports from the working groups (Marek Idzik, Oleksandr Borysov, Strahinja Lukic, Yan Benhammou)
- 12 Talks about ongoing research work
- Two talks about future circular collider projects (Manqi Ruan, Mogens Dam)

# Simulations and Testbeam

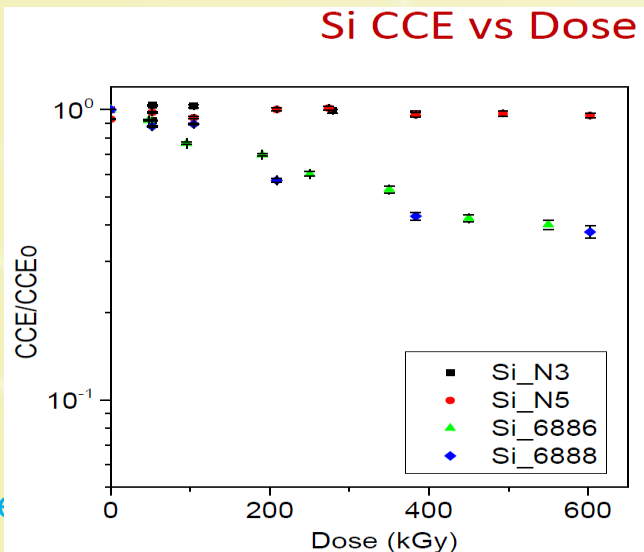
Sasha Borysov: Thin detector modules



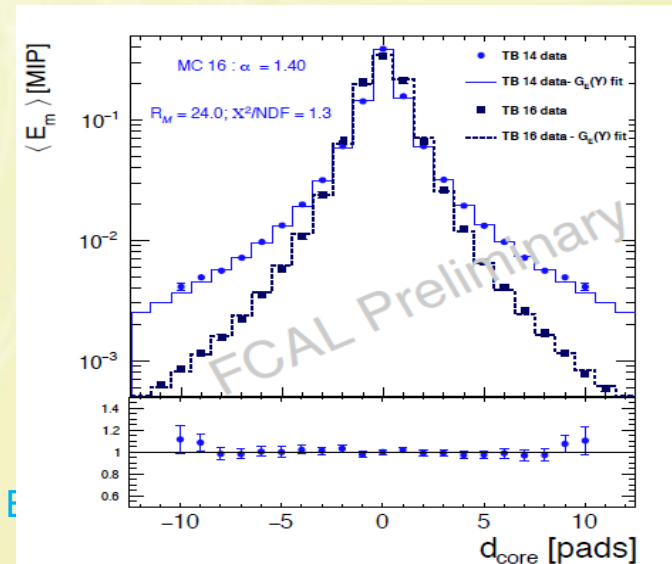
Bruce Schumm: radiation damage studies, Neutron fluence simulations with FLUKA



Uladzimir Kruchonak: radiation damage studies

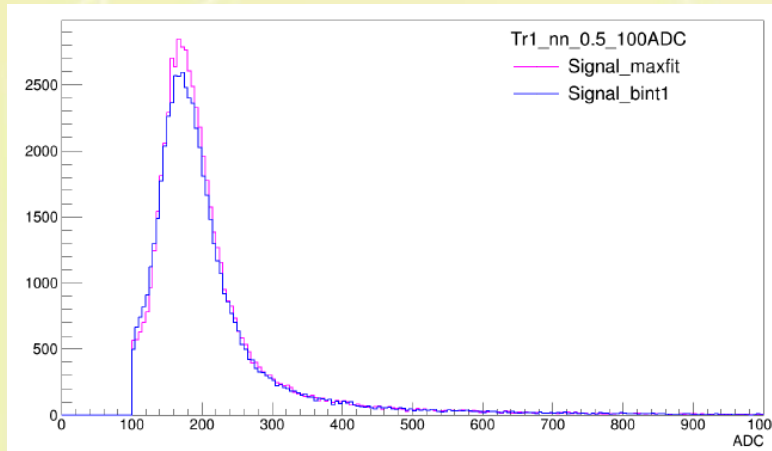


Maryna Borysova: Test beam analysis

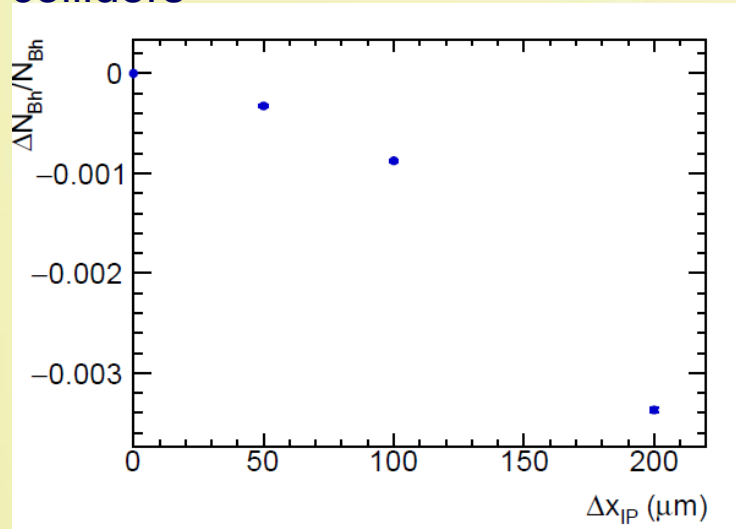


# Simulations and Testbeam

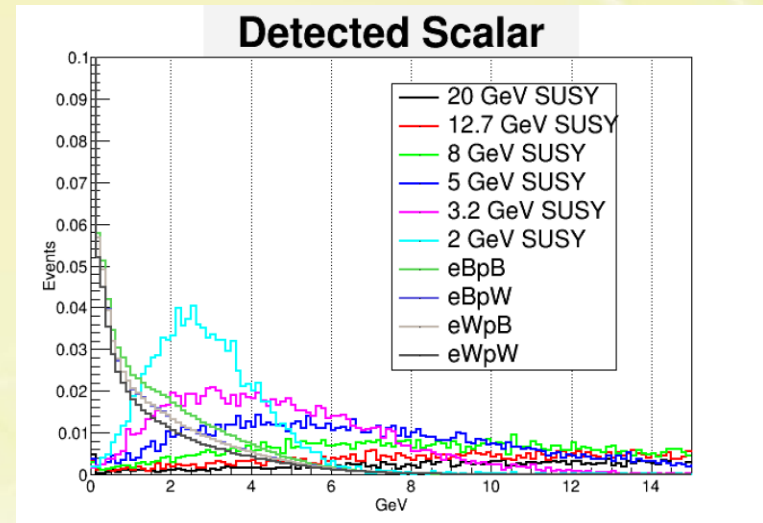
Veta Ghenescu: Tracker analysis for 2016  
TB data



Strahinja Lukic: Systematics of  
Lumi measurment at circular  
colliders

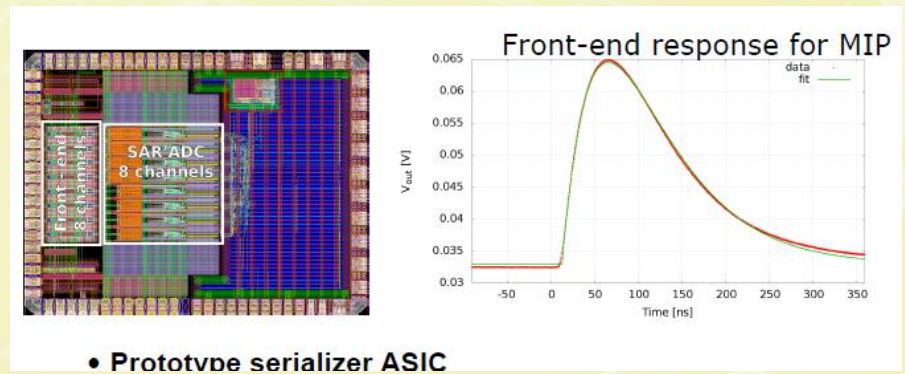


Bruce Schumm: BeamCal simulation  
studies,



Marek Idzik: FLAME readout

8 channels ASIC



• Prototype serializer ASIC

CAL workshop Belgrade

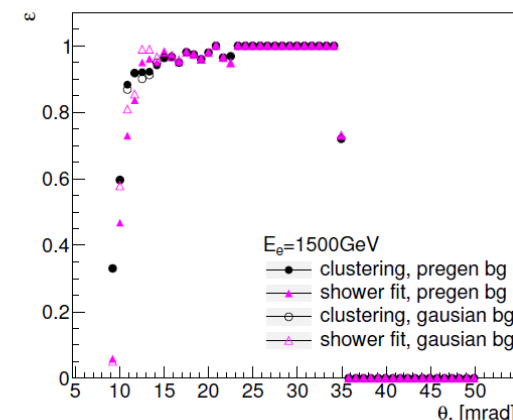
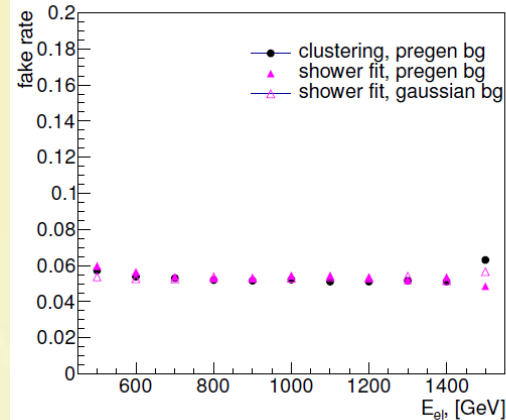
# Publications and Hardware

Angel Abuslame: BeamCal ASIC

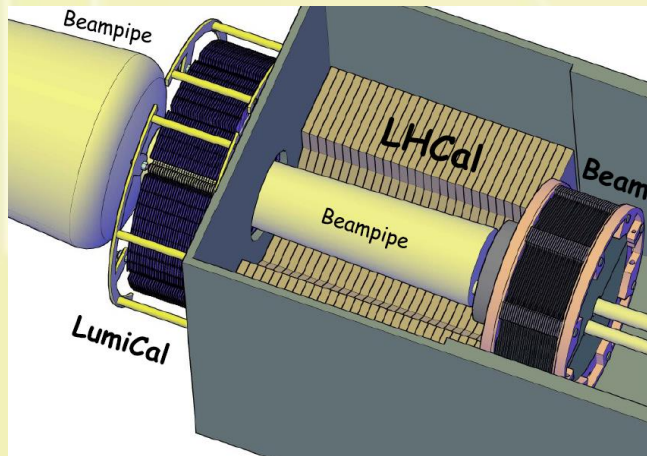
## Proposed timeline

- Design **simple IC** (250nm) for testbeam campaign, minimum functionality
- Submit for fabrication by March 2018
- Electronics tests done in a year from now
- Testbeam campaign 2019?

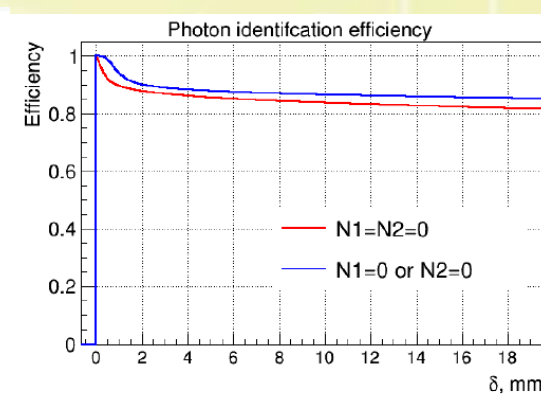
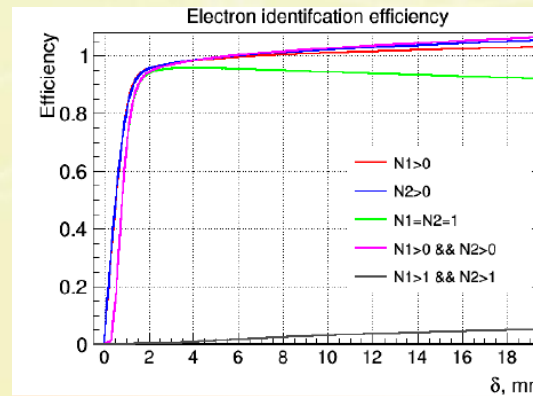
Andre Sailer: FCAL Clustering Software



Strahinja Lukic et al.: DD4HEP implementation



Oleksander Borysov: LumiCal performance with tracking



# Thanks to the organisers

It was an excellently organised meeting

Many thanks to:

- The Vinca Institute, its director and division leader
- Gordana, Mila, Ivanka and Strahinja
- Sneša, Goran

We had a very dramatic autumn weather, an excellent dinner with music, and we are eager to see the Belgrad underground

## Thank you for your hospitality