Organizing Committee

Reaching many corners!

- 66 participants from all around the world

- 19 contributions

Monday 9th

Time	Session	Speaker	Duration
13:00	**Welcome from the Workshop Organisers**	*Stephan Lachnit*	13:00 - 13:10
	Allpix Squared - An Overview	*Paul Schütze*	13:10 - 13:45
14:00	**Frequently asked questions and frequently encountered problems**	*Håkan Wennlöf*	13:45 - 14:20
	Coffee break		14:20 - 14:40
	Simulation of HR GaAs:Cr Timepix3 detectors with Allpix2	*Dr Petr Smolyanskiy*	14:40 - 15:05
15:00	**Radial strip detectors in Allpix-Squared**	*Radek Privara* 📎	15:05 - 15:30
	Simulation of hybrid pixels using precise TCAD simulations	*Keerthi Nakkalil et al.*	15:30 - 15:55
16:00	**Cosmic Strips Telescope Simulation with Allpix**	*Maximilian Caspar*	15:55 - 16:20

Tuesday 10th

Time	Session	Speaker	
13:00	**Digitization of hits of the LUXE tracker detector: Use of Allpix-squared**	*Arka Santra*	13:00 - 13:25
	Development and simulation of a new preshower detector for the FASER experiment at the LHC	*Rafaella Eleni Kotitsa*	13:25 - 13:50
14:00	**Simulations of 65 nm silicon sensors using Allpix Squared**	*Manuel Alejandro Del Rio Viera*	13:50 - 14:15
	Beam telescope simulations in Allpix Squared	*Sara Ruiz Daza*	14:15 - 14:40
	Coffee break		14:40 - 15:00
15:00	**Simulating the 100µPET scanner**	*Jihad Saidi*	15:00 - 15:25
	Using Allpix Squared for proton computed tomography	*Christopher Krause*	15:25 - 15:50
16:00	**Combining COMSOL and Monte Carlo Methods to Simulate SiC Sensors using the Allpix2 Framework**	*Sha Xue*	15:50 - 16:15
	Allpix2 Simulations of Particle Interactions in Cell Phone Camera Image Sensors for DECO	*Runze Li*	16:15 - 16:40

Wednesday 11th

13:00	**Status update of Allpix Squared simulations for Multi-element Germanium Detectors for Synchrotron Applications** *Francisco Jose Iguaz Gutierrez*	
	Developing new detector model geometries in Allpix-Squared	*Radek Privara* 📎 13:25 - 13:50
14:00	**New Allpix Squared Documentation & Website**	*Stephan Lachnit* 📎 13:50 - 14:15
	Ongoing & Future Developments	*Simon Spannagel* 14:15 - 14:40
15:00	**Discussion & Open Questions**	
		14:40 - 16:00
16:00		

Not everything is simulations...

Coffee Breaks

Social Activity

Tuesday at 17:00 CEST

For the Speakers

○ Please upload the slides of your presentation before the start of your session

○ Stick to the talk's duration: 20 minutes for the talk and 5 minutes for questions

○ The convener of the session will notify you when you have 2 minutes left

Links & Contact

- Indico: https://indico.cern.ch/e/apsqws3

- Timetable: https://indico.cern.ch/event/1126306/timetable

- Video conference details:
https://indico.cern.ch/event/1126306/videoconference/

- Email: allpix-squared-workshop@cern.ch

Wish you a very productive workshop!

ap² allpix squared