

Parallel 7A - Medium- and longer-term R&Ds

Thu 30/08

Parallel 6A

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14:00	Physics List Factory - an Update	Robert William Hatcher	14:00 - 14:20
	Geant4 val	Dmitri Konstantinov	14:20 - 14:40
	DoSSIER	Hans-Joachim Wenzel	14:40 - 15:00
15:00	(Extension of 7A) - Introduction	Marc Verderi et al.	15:00 - 15:05
	(Extension of 7A) - Machine Learning in simulation & discussion	Marilena Bandieramonte	15:05 - 15:30

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Parallel 8A

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09:00	ProtonHP: Status and Problems - Pablo Cirrone		09:00 - 09:10
	Discussion of ParticleHP Maintenance - Michel Maire		09:10 - 09:30
	(Extension of 7A) - Vectorisation of RND engines	John Apostolakis et al.	09:30 - 09:45
	(Extension of 7A) - Optical Photon Mediator for Vectorization, GPU and FastSim	Soon Yung Jun	09:45 - 09:55
10:00	(Extension of 7A) - Discussion		09:55 - 10:30

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16:00	Geant4 tasking model	Jonathan Madsen	16:00 - 16:20
	Geant4 + GPUs	Jonathan Madsen	16:20 - 16:30
	GeantV status and performance	Andrei Gheata	16:30 - 16:45
	Applying vectorisation to Geant4	Andrei Gheata	16:45 - 17:00
17:00	Vectorisation of EM physics	Marilena Bandieramonte	17:00 - 17:15
	Vectorisation of Bertini cascade	Guilherme Lima	17:15 - 17:30

Thanks to Gunter, Hans and Dennis for having offered part of their sessions time !