

ACAS School for Accelerator Physics 2016

Monday, 18 January 2016 - Friday, 29 January 2016

Australian Synchrotron

School Programme

	10:15-11:15	Aussy Synch (MB)	SR-1 (T M)	SR-2 (T M)
	11:30-12:30	Enabling Science (JC)	Signals/Fdbk-1 (JF)	Signals/Fdbk-2 (JF)
	12:30-14:00	Lunch	Lunch	Lunch
	14:00-14:45	Lab Primer (RP)	Lab Primer (RP)	Lab Primer (RP)
Introductory course in particle accelerators, optics theory and synchrotron radiation, electronic signal processing and feedback systems.	14:45-18:00	Laboratory	Laboratory	Laboratory
	18:00-19:30	Dinner	Dinner	Dinner
Learn how the Australian Synchrotron works for students, professionals and synchrotron users.	19:30-21:30	Laboratory	Laboratory	Laboratory
Lecturers				
			Australia Day	
Jeff Corbett, SLAC		Monday Jan-25	Tuesday Jan-26	Wednesday Jan-26
Toshiyuki Mitsuhashi, KEK	9:00-10:00	Synchrotrons (JC)	Orbit Control (JC)	FEL or Laser (JC)
John Fox, Stanford University	10:15-11:15	SR-4 (T M)	SR-5 (T M)	SR-6 (T M)
Rick Pan, Stanford University	11:30-12:30	Signals/Fdbk-5 (JF)	Bright/Cohere (KN, HC)	Signals/Fdbk-6 (JF)
	12:30-14:00	Lunch	Lunch	Lunch
	14:00-14:45	Lab Primer (RP)	free	Lab Primer (RP)
	14:45-18:00	Laboratory	free	Laboratory
Draft Schedule:	18:00-19:30	Dinner	free	Dinner
	19:30-21:30	Laboratory	free	Laboratory

Lectures

Colours

Tutorials

Prelabs

Labs