Tues 25th Sep			
9:00	9:10	Welcome Speech	
9:10	9:35	Jack Hickish	CASPER introduction
9:35	10:00	Dan Werthimer	Are We Alone? Next Generation SETI Experiments
10:00	10:25	Kapp Francois	The status and direction of SARAO
10:25	10:45	break	
10:45	11:10	Bo PENG	
11:10	11:35	Di LI	
11:35	12:00	Isaacson Adam	SKARAB2: The Next Generation Hardware Platform
12:00	12:25	TBD	
12:25	14:00	Break	
14:00	15:30	Tutorials	Cancelled (Setting Up)
14:00	15:30	Working Group	New Hardware - Dan Werthimer
15:30	15:45	Break	
15:45	17:15	Tutorials	Cancelled (Setting Up)
15:45	17:15	Working Group	ADC - Henno Kriel
19:00		Reception	

Weds 26th Sep			
8:45	9:10	Announcements and Working Group Reports: Dan Werthimer and Henno Kriel	
9:10	9:35	Weintroub Jonathan	Beyond SWARM: Next generation technology for the wSMA.
9:35	10:00	Luo Jintao	A ROACH2 based Pulsar Machine at NTSC
10:00	10:25	Manley Jason	Updates on MeerKAT's correlator-beamformer
10:25	10:45	break	
10:45	11:10	INTEL (Jiang Yarkeen)	
11:10	11:35	INTEL (Jiang Yarkeen)	
11:35	12:00	Chen Linjie	Ultra Long-wavelength Experimental Radio Array
12:00	12:25	New Wesley	The state of the CASPER toolflow and future developments
12:25	14:00	Break	
14:00	15:30	Tutorials	
14:00	15:30	Working Group	RFI: new/current mitigation strategies - Henno Kriel
15:30	15:45	Break	
15:45	17:15	Tutorials	
15:45	17:15	Working Group	Toolflow Front end (migen, myhdl) and back end - Matt Roberts

Thurs 27th Sep			
8:45	9:10	Announcements and Working Group Reports: Henno Kriel and Matt Roberts	
9:10	9:35	Price Daniel	CASPER in Australia
9:35	10:00	van der Byl Andrew	Floating Point for CASPER DSP
10:00	10:25	Jiang Homin	Development of a 15-Gsps Analog-to-Digital Converter Board by using a Field-Programmable Gate Array Mezzanine Card Connector for Radio Astronomy
10:25	10:45	break	
10:45	11:10	Xilinx	
11:10	11:35	Xilinx	
11:35	12:00	Plant Kathryn	An Instrument to Monitor the Repeating Fast Radio Burst at 26-34 GHz
12:00	12:25	Alexander Raymond	Real-Time Conversion of SWARM Data for VLBI
12:25	14:00	Break	
13:30	14:00	100GbE Lightning Planning Session	
14:00	15:30	Tutorials	
14:00	15:30	Working Group	Wiki/Documentation - Adam Isaacson
15:30	15:45	Break	
15:45	17:15	Tutorials	
15:45	17:15	Working Group	Contribution/Collaboration - Jack Hickish

Fri 28th Sep			
8:45	9:10	Announcements and Working Group Reports: Adam Isaacson and Jack Hickish	
9:10	9:35	MATTANA ANDREA	Introducing the iTPM

9:35	10:00	David MacMahon	Breakthrough Listen and CASPER
10:00	10:25	Zhang Xinxin	The backend of we use at FAST site
10:25	10:45	break	
10:45	11:10	van Wyk Robin	SKARAB (Microblaze) software architecture: features, lessons learnt and a brief look towards SKARAB 2 software implementation.
11:10	11:35	Srinivasan Ranjani	Implementation and Testing of Digital Sideband Separation at the Yuan-Tseh Lee Array
11:35	12:00	Patel Amish	Incorporating Partial Reconfiguration into the CASPER Toolflow
12:00	12:25	Alec Rust	Correlator Beamformer Functional and Performance testing methodologies
12:25	14:00	Break	
14:00	15:30	Tutorials	
14:00	15:30	Working Group	Toolflow - Jack Hickish
15:30	15:45	Break	
15:45	17:15	Tutorials	
15:45	17:15	Working Group	DSP libraries - Andrew van der Byl

Sat 29th Sep			
8:45	9:10	Announcements and Working Group Reports: Jack Hickish and Andrew van der Byl CASPER Advisory feedback session: Dan Werthimer	
9:10	9:35	To be advised	
9:35	10:00	Shu Lin	development toolflow of SNAP2
10:00	10:25	van Balla Tyrone	Toward a cognitive computing framework to debug complex system failure
10:25	10:45	break	
10:45	11:10	Pei Xin	QTT
11:10	11:35	Kriel Henno	Next Generation MeerKAT Digitisers
11:35	12:00	Bracken Colm	Plans for an affordable, compact, low power readout system for large-format microwave kinetic inductance detector arrays
12:00	12:25	Bradford Brian	Can an undergraduate intern make a difference in CASPER?
12:25	14:00	Break	
14:00	15:30	Tutorials	
14:00	15:30	Working Group	Realtime Processing with CPU/GPU - Danny Price
15:30	15:45	Break	
15:45	17:15	Tutorials	
15:45	17:15	Working Group	100GbE Developments - Brian Bradford
17:15	17:25	Working Group Reports: Danny Price and Brian Bradford	

Sun 30th Sep			
8:30		FAST trip	