

DRAFT PROGRAMME AAVP2011 - 12-16 DECEMBER, 2011



12-dec		
11:00	Registration	
12:30	Buffet lunch	

Break-out sessions			
14:00	Colloquium room AA-low technical progress meeting	Hooghoudt kamer	
	0) minutes 22 th Nov telecon	Jan Geralt bij de Vaate	AA-mid science meeting
	1) action items		"Science case for AAVS2"
	2) Progress		Details TBC
	-INAF		
	-UK		
	-ICRAR		
	3) AOB		
15:45	Tea break		Tea break
16:15	AA Signal processing	Andrew Faulkner	2nd session AA-mid science meeting
18:15	Transfer to hotel		Transfer to hotel

Break-out sessions			
8:30	Colloquium room - AA-mid technical progress meeting	Johan Pragt, chair	Hooghoudt kamer
8:30	<i>Observatoire de Paris, Nancy</i>	Steve Torchinsky/	AA-low science meeting
	BFC, LNA, EMBRACE progress and near future plans	Stephane Bosse	"Perspective on single/dual band"
9:15	<i>University of Manchester</i>	Tony Brown	Details TBC
	ORA Technical progress, near future plans		
10:00	Coffee break		Coffee break
10:30	ASTRON	Dion Kant/Marco Drost/	2nd session AA-low science meeting
	Dual pol.design, thermal/environmental study, EMBRACE progress	Pieter Benthem	
11:15	Management issues: Overall plan, Cooperation between teams, AA-low relations, interaction/communication, Process how to trade-off antenna designs	Johan Pragt/Dion Kant	
12:15	AOB		
12:30	Lunch		Lunch

START PLENARY PROGRAMME			
	Colloquium room and kantine	Speakers	Affiliation
	Chair: Arnold van Ardenne		ASTRON
13:30	Welcome and introduction	Michael Garrett	ASTRON
13:40	SKA developments in the international context	Richard Schilizzi	SPDO
14:00	MWA	Steven Tingay	ICRAR - Curtin University
14:20	LOFAR	Ger de Bruyn	ASTRON - Kapteyn Institute
14:40	Tea break		
15:10	Pulsars & Transients		
	Moderator: Jason Hessels		ASTRON - UvA
15:15	Transients	JP Macquart	ICRAR - Curtin University
15:35	Pulsar surveys	Jason Hessels	ASTRON
15:55	EPTA	Joris Verbiest	Max Planck Institut für Radioastronomie
16:15	Refreshments		
16:45	EoR, HI & Cosmology		
	Moderator: Thijs van der Hulst		Kapteyn Institute
16:50	EoR	Vibor Jelic	ASTRON
17:10	Intervening HI	Neeraj Gupta	ASTRON
17:30	ATLAS3D	Paolo Serra	ASTRON
17:50	BAO and weak lensing	Mario Santos	IST - CENTRA
18:30	Dutch stampot buffet @ ASTRON		
20:00	Transfer to hotel		

14-dec			
8:30	AA scene setting		
	Moderator: Steve Torchinsky		Observatoire de Paris
8:35	AAVP	Arnold van Ardenne	ASTRON
8:50	The SKA pre-construction phase	Peter Dewdney	SPDO
9:05	AA's in PEP	Jan Geralt bij de Vaate	ASTRON
9:25	DRM	Minh Huynh	ICRAR - UWA
	Industrialization		
	Moderator: Richard Williams		Cambridge Consultants Ltd.
9:45	AA-low production	Richard Williams	Cambridge Consultants Ltd.
10:05	AA-mid design for construction	Raymond van den Brink	ASTRON
10:25	Mass production at a Philips company	Kor Visscher	Philips Drachten

10:45	Coffee break		
11:10	AA system architecture		
	Moderator: Andrew Faulkner		University of Cambridge
11:15	AA-mid system architecture	Dion Kant	ASTRON
11:35	EMBRACE AA-mid	Steve Torchinsky	Observatoire de Paris
11:55	Costing	Peter Hall	ICRAR - Curtin University
12:15	EMMA	Ilse van Bommel	ASTRON
12:35	Processing AAs	Paul Alexander	University of Cambridge
12:55	Lunch		
14:00	AA subsystem 1		
	Moderator: Tony Brown		University of Manchester
14:05	AA-mid integrated receiver	Stephane Bosse	Observatoire de Paris
14:25	AAVS0 results, log-per	Eloy de Lera	University of Cambridge
14:45	AAVS0 results, Vivaldi	Giuseppe Virone	IEIIT-CNR
15:05	ORA antenna	Tony Brown	University of Manchester
15:25	Tea break		
15:55	AA subsystem 2		
	Moderator: Kris Zarb Adami		University of Oxford
16:00	AAVS receiver	Federico Perini	INAF-IRA
16:20	Feasibility study for solar-powered SKA front-end	Budi Juswardi	ICRAR - Curtin University
16:40	Uniboard 2	Arpad Szomoru	JIVE
17:00	Photonics & AA station design	Peter Maat	ASTRON
17:30	Closure		
18:30	Workshop dinner at Grand Cafe De Brink - Dwingeloo		

15-dec			
8:30	Calibration, configuration		
	Moderator: Jan Noordam		ASTRON
8:35	Self-calibration & redundancy	Parisa Noorishad	Kapteyn Institute - ASTRON
8:50	OSKAR2	Fred Dulwich/Ben Mort	University of Oxford
9:05	AA-low station configuration	Nima Razavi	University of Cambridge
9:20	AA station beam accuracy	Stefan Wijnholds	ASTRON
9:40	New Antenna Calibration algorithm for AA single station	Stef Salvini	University of Oxford
	snapshot correlation		
10:00	Coffee break		
10:30	Green AA's		
	Moderator: Peter Hall		ICRAR - Curtin University
10:35	Green infrastructure for the SKA	Arnold van Ardenne	ASTRON
10:50	Moura developments	Domingos Barbosa	Instituto Telecomunicacoes
11:05	Sustainable energies	Manuel Silva	CTAER
11:40	Wrap up	Marco de Vos	ASTRON
12:00	Site visit WSRT/EMBRACE/APERTIF/SMF		
15:00	Return at ASTRON for ASTRON Christmas high tea		
17:30	Transfer to hotel/departure		

16-dec			
8:30	PEP consortium meeting	(by invitation only)	
10:30	Coffee break		
11:00	Part 2		
13:00	Lunch and departure		
			v1.0/12.12.2011