



## Updated Agenda

### Tuesday Aug. 23rd, 2016:

18h00-20h00	Welcome Reception, Registration and Payment at Hotel Regina Margherita (no sessions)
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### Wednesday Aug. 24th, 2016:

08h00-09h00	Registration and Payment	
09h00-09h05	Welcome address from hosting Institution	
09h05-09h15	Logistic information	
09h15-09h30	PAFs and the future of radio astronomy, <i>S. Tingay (INAF, Italy)</i>	<b>Session 1</b> Chair: E. Carretti
09h30-10h15	Introductory Talk: Mutual coupling analysis of line-feeds devoted to cylindrical reflectors, <i>C. Craye (Univ. Louvain, Belgium)</i>	
10h15-10h45	High-Performance PAFs with CMOS LNAs, <i>B. Veidt (NRC, Canada)</i>	
10h45-11h05	Coffee break	
11h05-11h35	Early commissioning results from the Focal-plane L-band Array feed for the Green Bank Telescope (FLAG), <i>B. Jeffs (Brigham Young Univ., USA)</i>	<b>Session 2</b> Chair: M. Bowen
11h35-12h05	Focal L-band array for the GBT: Instrumentation Upgrades and Performance Results, <i>Anish Roshni (NRAO, USA) – Videoconf</i>	
12h05-12h35	An update on APERITIF and future PAF activities at ASTRON, <i>W.A. van Cappellen (ASTRON, The Netherlands)</i>	
12h35-13h05	Online Calibration Scheme for APERITIF, <i>B. Hut (ASTRON, The Netherlands)</i>	
13h05-14h00	Lunch break	
14h00-14h30	Development of the L-band Phased Array Feed for the Five-hundred-meter Aperture Spherical radio Telescope, <i>Y. Wu (NAO, China)</i>	<b>Session 3</b> Chair: L. Locke
14h30-15h00	Measuring PAFs at CSIRO, <i>A. P. Chippendale (CSIRO, Australia)</i>	
15h00-15h30	First astronomy with a modified Mark II ASKAP PAF on the 64 m Parkes radio telescope, <i>A. P. Chippendale (CSIRO, Australia)</i>	
15h30-15h50	Coffee break	
15h50-16h20	The development of a CSIRO MKIII wideband phased array feed, <i>A. Dunning (CSIRO, Australia)</i>	<b>Session 4</b> Chair: A. Navarrini
16h20-16h50	High Polarisation Isolation Crossed-Ring Antenna Array for SKA-MFAA, <i>Y. Zhang (University of Manchester, UK)</i>	
16h50-17h20	A 160 channel Cryo Phased Array Camera for Radio Astronomy, <i>G. Cortes-Medellin (Cornell University, USA)</i>	
17h50-18h50	Bus transfer from Hotel Regina Margherita to Nora (free evening in Cagliari is an option). Meeting point in front of the hotel at 17h40	
19h00-19h45	Visit of Nora archeological site (guided tour for free)	
20h00-22h30	Social dinner in a seaside restaurant (cost 40 € per person, accompanying persons are welcome)	
22h30-23h30	Bus transfer from Nora to Hotel Regina Margherita	



## Updated Agenda

### Thursday Aug. 25th, 2016:

08h30-09h20	Bus transfer from Hotel Regina Margherita to Sardinia Radio Telescope site. Meeting point in front of the hotel at 8h20.	
09h20-12h00	Visit of the Sardinia Radio Telescope and group photo	
12h00-12h30	Bus transfer from Sardinia Radio Telescope to restaurant	
12h30-14h10	Lunch in a countryside restaurant	
14h10-14h40	Bus transfer to Hotel Regina Margherita	
14h50-15h20	CryoPAF4 – a cryogenic phased array feed design, <i>L. Locke (NRC, Canada)</i>	<b>Session 5</b> Chair: W. van Cappellen
15h20-15h50	Variable Dielectric Delay Lines in Liquid Crystals for Phased Array Feed, <i>L. Liu, (University of Manchester, UK)</i>	
15h50-16h05	Cryo-mechanical solutions for a cryostat equipped with large window: The PHAROS case, <i>S. Mariotti (INAF, Italy)</i>	
16h05-16h30	Coffee break	
16h30-17h00	PAF Aperture Array Tests: Analog and Digital Beamforming Compared, <i>D. B. Hayman (CSIRO, Australia)</i>	<b>Session 6</b> Chair: B. Veidt
17h00-17h30	The ASKAP Phased Array Feed Digital Beamformer: Design Overview and Performance Characteristics, <i>J. Tuthill (CSIRO, Australia)</i>	
17h30-18h00	A[nother] beamforming strategy – an information theoretic look at beamforming with PAFs, <i>G. Hellbourg (CSIRO, Australia) - Videoconf</i>	
18h00-18h30	Spatial RFI mitigation with Phased Array Feeds, <i>G. Hellbourg (CSIRO, Australia) – Videoconf</i>	
19h00-20h30	Free evening. Possibility of guided walking tour of Cagliari city center: meeting point at the Hotel Regina Margherita at 18h50.	

### Friday Aug. 26th, 2016:

09h00-09h30	Fast Numerical Method for the Simulation of Hexagonal Focal Plane Array, <i>R. Sarkis (Antonine Univ., Lebanon)</i>	<b>Session 7</b> Chair: K. Grainge
09h30-10h00	SKA as Piggyback on Solar Power Towers?, <i>A. Roy (MPIfR, Germany)</i>	
10h00-10h30	PAFs for imperfect optics, <i>O. Wucknitz (MPIfR, Germany)</i>	
10h30-10h50	First astronomy results from PAFs, <i>P. Serra (CSIRO, Australia)</i>	
10h50-11h10	The CSIRO Astronomy and Space Science Phased Array Feed Development Program, <i>M. A. Bowen (CSIRO, Australia)</i>	
11h10-11h30	Coffee break	
11h30-12h30	Workshop summary	<b>Session 8</b> All
12h30-13h00	Next workshop	
13h00-14h30	Lunch	
<b>END of PAF2016 Workshop</b>		
14h30-16h00	Kick-off meeting of PAF SKA Advanced Instrumentation Program – Part 1 (closed session)	
16h00-16h30	Coffee break	
16h30-18h00	Kick-off meeting of PAF SKA Advanced Instrumentation Program – Part 2 (closed session)	