

## AARTFAAC2.0 WORKSHOP

11 – 12 February 2019, ASTRON

### PROGRAM

<b>Monday</b>		
10:00 – 10:15	Introductory remarks	Ralph Wijers
10:20 – 10:40	A6 results	Mark Kuiack
10:40 – 11:00	A12 commissioning / early science	Aleksandar Shulevski
<i>Coffee break</i>		
11:30 – 11:50	LBA_OUTER polarization and calibration	Menno Norden
11:50 – 12:10	AARTFAAC Cosmic Explorer (ACE): first power spectrum results	Bharat Gehlot
12:10 – 12:30	TraP, responsive telescope	Antonia Rowlinson (TBD)
<i>Lunch</i>		
<i>Discussion (14:00 – 17:00)</i>		
<i>Diner (De Borken, 18:30)</i>		
<b>Tuesday</b>		
09:00 – 09:20	Space weather outlook	Pietro Zucca
09:20 – 09:40	Ionosphere	Richard Falows
09:40 – 10:00	Ionosphere	Maaijke Mevius
10:00 – 10:20	Radio detection of stars and planets with AARTFAAC	Harish Vedantham
10:20 – 10:30	GPU tensor cores: signal processing at unprecedented speeds	John Romein
10:30 – 10:50	Massive correlation vs. massive beamforming	Stefan Wijnholds
<i>Coffee break</i>		
<i>Discussion (11:30 – 12:30)</i>		
<i>Lunch</i>		
<i>Discussion (14:00 – 17:00)</i>		
<b>End</b>		