

# FASR21 - Schedule (California time zone, UTC-8h)

## Wednesday Dec 1

08:00-08:10 PT	<b>Welcome, logistics</b>			<b>LOC</b>		
08:10-08:30 PT	<b>A brief history of FASR</b>			<b>Tim Bastian/Dale Gary</b>		
	<b>Science: Space Weather science and applications (Bastian, White, Anderson)</b>					
08:30-8:50	Nat Gopalswamy	Radio investigations with MOST: the Multiview Observatory for Solar Terrestrial Science				
08:50-09:10	Hazel Bain	Research to Operations Processes for Space Weather Applications: A NOAA SWPC Perspective				
09:10-09:30	Nicole Vilmer	Prospects and Plans for Addressing the Science of Space Weather: a European Perspective				
09:30-10:00	Topical discussion moderated by SOC chairs					
10:00-10:15	<b>Break</b>					
	<b>Science: Flare science, magnetic reconnection, particle acceleration and transport (Musset, Chen, Drake, McTiernan)</b>					
10:15-10:35	Bin Chen	Microwave Studies of Solar Flare Energy Release: Outlook for FASR				
10:35-10:55	Jim Drake	Electron acceleration in solar flares				
10:55-11:15	Eoin Carley	New frontiers in flare and CME science with low frequency radio instruments				
11:15-11:35	Fan Guo	Particle Acceleration and Transport at Coronal Shocks				
11:35-12:05	General discussion moderated by SOC chairs					
12:05-12:20	<b>Break</b>					
	<b>Science: Quiet sun, active region (structure and dynamics) science (White, Gary, Saint-Hilaire)</b>					
12:20-12:40	Costas Alissandrakis	Quiet sun structure, limb brightening, and the bridge to ALMA				
12:40-01:00	Sam Schonfeld	Imaging F10.7: microwave emission mechanisms and coronal elemental abundances				
01:00-01:20	General discussion moderated by SOC chairs					
01:20-01:35	<b>Break</b>					
	<b>Coronal magnetic field measurements: the connection between diagnostics derived from radio and other wavelengths (Lin, Chen, Glesener)</b>					
01:35-01:55	Gregory Fleishman	Coronal magnetic field measurements using radio observations				
01:55-02:15	Enrico Landi	Coronal magnetic field measurements with Hinode/EIS				
02:15-02:35	Tom Schad	O/IR coronal magnetometry and a cooperative view of the 3D solar atmosphere				
02:35-03:05	Topical discussion on Coronal magnetic fields led by SOC					

## Thursday Dec 2

	<b>Science: Multi-messenger and multi-wavelength synergies (solar and non-solar) (Drake, Hallinan, Lin, Musset)</b>					
08:00-08:20	Linghua Wang	Solar Energetic Electron Events and Associated HXR flares				
08:20-08:40	Stuart Bale	Parker Solar Probe radio measurements of flares, active regions, and the quiet Sun				
08:40-09:00	Christina Cohen	Solar energetic particle events observed by PSP/Integrated Science Investigation of the Sun (ISOIS)				
09:00-09:30	Topical discussions					
09:30-09:45	<b>Break</b>					
	<b>Science: Sun-as-a-star, star-planet connection, nighttime, and other non-solar science (Anderson, Hallinan, Musset)</b>					
09:45-10:05	Rachel Osten	Stellar Radio Science and FASR				
10:05-10:25	Joe Lazio	Space Weather: From the Sun to Other Stars				
	<b>Poster session</b>					
10:25-10:55	Fast poster advertisement by their presenters (1 min each)					
10:55-11:10	GatherTown tutorial					
11:10-02:10	GatherTown poster session					
	<b>Continuation Science: Sun-as-a-star, star-planet connection, nighttime, and other non-solar science (Anderson, Hallinan, Musset)</b>					
02:10-02:30	Keith Bannister	Investigating radio propagation in the interstellar medium with wideband radio telescopes				
02:30-03:00	Topical discussions					

## Friday Dec 3

	<b>Technology I (Kocz, Hallinan, Gary, Werthimer)</b>					
08:00-08:20	Dale Gary	The Science Driven Specifications for FASR circa 2010 and the EOVSX Experience				
08:20-08:40	Sandy Weinraub	wideband Feeds and High-Dynamic Range LNAs for FASR				
08:40-09:00	Gregg Hallinan	The DSA-2000				
09:00-09:30	Topical discussions I					
09:30-09:45	<b>Break</b>					
	<b>Technology II (Hallinan, Kocz, Dale Gary, Werthimer)</b>					
09:45-10:05	Jonathon Kocz/Dan Werthimer/Hickish	FPGA and GPU Based Correlator Development - Options for nextgen FASR Correlator				
10:05-10:25	Rob Selina	ngVLA Technical Overview & Solar Observing Capabilities				
10:25-10:45	Sergey Lesovoi	Design and imaging performance of the Siberian Radioheliograph (SRH)				
10:45-11:15	Topical discussions II					
11:15-11:30	<b>Break</b>					
	<b>Workshop Summary</b>					
11:30-12:10	Summary presentations by SOC chairs (~5 mins per session)					
12:10-01:30	General discussions, led by Dale Gary and Tim Bastian					
01:30-01:45	Workshop wrap-up					
01:30-03:30	Reserve					