

SpecNet Community Meeting Agenda

Jun 25, 2021 09:00 AM Pacific Time

Start Time EDT	Event	Speaker	Title
12:00 PM	Welcome	Fred Huemmrich	
	Lecture session 1	Chair: Fred Huemmrich	
12:05 PM	Introduction	John Gamon	Introduction to SpecNet
12:25 PM	Lecture 1	Tommaso Julitta	Towards a field spectrometer multipurpose network
12:45 PM	Break		
	Flash talks 1	Chair: Troy Magney	
12:50 PM	Flash talk 1	Ben Poulter	Introduction to NASA SBG mission
12:57 PM	Flash talk 2	Loris Vescovo	Monte Bondone SPECNET grassland site
1:04 PM	Flash talk 3	Jon Atherton	Proximal and remote sensing data points to the European 2018 drought being a 2-year event
1:11 PM	Flash talk 4	Paul Naethe	In-field calibration and validation of airborne reflectance
1:18 PM	Flash talk 5	Sofia Cerasoli	Spectral Reflectance Sensors (SRS - NDVI and PRI) in a cork oak woodland
1:25 PM	Flash talk 6	Shari Van Wittenberghe	The underlying spectral behaviour of PRI related to quickly regulated energy quenching in the antenna
1:32 PM	Flash talk 7	Dominic Fawcett	Comparison of surface reflectance from drone-mounted multispectral sensors with field spectroscopy along a dryland ecosystem transect in (Jornada, New Mexico, USA
1:39 PM	Flash talk 8	Andrew C Hill	St Jones Reserve coastal salt marsh study site in Dover, Delaware, USA
1:46 PM	Break		
	Lecture session 2	Chair: Yuki Hamada	
2:01 PM	Lecture 2	Adrian Rocha	Radiation Sensor NDVI
2:21 PM	Lecture 3	Zoe Pierrat	Using tower-based measurements of solar-induced chlorophyll fluorescence (SIF) and vegetation indices in evergreen ecosystems
2:41 PM	Break		
	Flash talks 2	Chair: Troy Magney	
2:46 PM	Flash talk 9	Ying Sun	Concurrent hyperspectral and SIF measurements from both tower and UAV systems in a corn field in upstate NY state.
2:53 PM	Flash talk 10	Mostafa Javadian	Thermal Unmanned Aircraft Systems (UAS) measures Tc of previously inaccessible tall trees diurnally
3:00 PM	Flash talk 11	William K Smith	The relationship between remotely sensed proxies and GPP for three dryland sites: Kendall grassland (US-WKG), Santa Rita Mesquite savanna (US-SRM), and the Bigelow mixed conifer forest (US-MtB) sites
3:07 PM	Flash talk 12	Adam Young	Deriving and comparing broadband NDVI to PhenoCam greenness for quantifying vegetation phenology
3:14 PM	Flash talk 13	Rui Cheng	Canopy reflectance associated with GPP seasonality in evergreen forests
3:21 PM	Flash talk 14	Sandra M Duran	Assessing the effect of plant biodiversity on carbon at water fluxes in alpine meadows using spectral reflectance from leaf, canopy and airborne.
3:28 PM	Flash talk 15	Will Woodgate	Multi-angular proximal remote sensing sensing systems deployed at the Tumbarumba flux tower tall forest site
3:35 PM	Break		
	Discussion	Chair: Loren Albert	
3:40 PM	Discussion		Topic: How best can Specnet advance the science of proximal remote sensing?
4:05 PM	End		

