

Stanford's 2015 PNT Symposium - 'R12' - Student Presentations

Wednesday November 11th - Kavli Auditorium, SLAC

Day / Date	~ Start Time	~mins w/ Q&A	Invited Speaker	Affiliation	Title of Presentation
Wed 11/11/15	9:30am	30	<i>Reception & Coffee Service at SLAC's Kavli Auditorium Lobby</i>		
1	10:00am	30	Louis Dressel	Stanford University	Jagr Path Planning
2	10:30am	30	Jinsil Lee	KAIST	Vertical Position Error Bounding for Integrated Sensors to Support Unmanned Aerial Vehicles (UAV)
	11:00pm	15	<i>Morning Break</i>		
3	11:15am	30	Dongyang Xu	Colorado State University	GNSS tracking algorithm to process strong equatorial scintillation signals
4	11:45am	30	Shankar Ramakrishnan	Stanford University	L1C Benefits
5	12:15pm	30	Jordan Larson	University of Minnesota	Generating Empirical Overbounds for PNT Algorithms Using Extreme Value Theory
	12:45pm	45	<i>Catered Lunch at Kavli Porch & Panosky Grove</i>		
6	1:30pm	30	Jeanette Veldman	University of Colorado	Autonomous Onboard Navigation using One-way Radiometric Tracking Data: Filter Design and Model Simplification
7	2:00pm	30	Nate Carson	Auburn University	Detection and Suppression of Spoofing Attacks against GPS Receivers using Signals Processing Techniques
8	2:30pm	30	Yuting Ng	University of Illinois at Urbana-Champaign	Multi-Receiver Vector Tracking
	3:00pm	15	<i>Afternoon Break</i>		
9	3:15pm	30	Bryant Mairs	IntelinAir & recent UC Santa Cruz Graduate	Autonomous Ocean Surface Vessel
10	3:45pm	30	Mike Jamoom	Illinois Institute of Technology	UAV Sense and Avoid systems
11	4:15pm	30	Yang Su	Illinois Institute of Technology	Sensing small-scale ionospheric irregularities with a high-latitude GNSS receiver array
12	4:45pm	30	Josh Sullivan	Stanford University	Angles-only autonomous rendezvous navigation to a space resident object
	5:15pm	-	<i>Wrap Up Discussion (SCPNT Faculty, Staff and Affiliates)</i>		