US Low Temperature Plasma Summer School (v04)
North Carolina State University
15-19 June 2026

Monday	**15 June**			
Location TBD		07:45-08:20	*Registration and breakfast*	
		08:20-08:30	Introduction to Summer School	Katharina Stapelmann, Steven Shannon, Peter Bruggeman and Mark J. Kushner
		08:30-10:00	1-Introduction to Plasmas	Scott Baalrud University of Michigan
		10:00-10:30	*Break*	
		10:30-12:00	2-Low Pressure Plasmas	Tiago Dias Eindhoven University of Technology
		12:00-13:30	*Lunch*	
Location TBD		13:30-15:00	3-Plasma Kinetics	Uwe Kortshagen University of Minnesota
		15:00-15:30	*Break*	
		15:30-17:00	4-Magnetized Collisional Plasmas and Plasma Wave Interactions	Larry Overzet University of Texas at Dallas
Location TBD		17:30-19:30	*Poster Session and light dinner/refreshments*	
Tuesday	**16 June**			
Location TBD		08:00-08:30	*Breakfast*	
		08:30-10:00	5-Dusty Plasmas	Edward Thomas Auburn University
		10:00-10:30	*Break*	
		10:30-12:00	6-High Pressure Plasmas	Katharina Stapelmann North Carolina State University
		12:00-13:30	*Lunch*	
Location TBD		13:30-15:00	7-Plasma Sources and Power System Design	Steven Shannon North Carolina State University
		15:00-15:30	*Break*	
		15:30-17:00	8-Plasma Chemistry	Mark J. Kushner University of Michigan
			Free night and Group Activities	
Wednesday	**17 June**			
Location TBD		08:00-08:30	*Breakfast*	
		08:30-10:00	9-Fluid Modeling of LTPs	Juan Trelles University of Massachusetts-Lowell
		10:00-10:30	*Break*	
		10:30-12:00	10-Diagnostics	Igor Adamovich Ohio State University
		12:00-12:15	Group Photograph	
		12:15-13:30	*Lunch*	

Location TBD	13:30-18:00	*Lab Tours/Hands-On Experiences*	
		Analyzing Diatomic Emission Spectra	
		Global Plasma Modeling with QDB	
		Hairpin Probe Diagnostics for Low Pressure Plasmas	
		Optical Design for Plasma Diagnostics	
		V/I Diagnostics for Atmospheric Pressure Plasmas	
Thursday 18 June			
Location TBD	08:00-08:30	*Breakfast*	
	08:30-09:45	11-Thermal Plasmas	Francois Gitzhofer Université de Sherbrooke
	09:45-10:00	*Break*	
	10:00-11:15	12-Plasma Biotechnology	Vandana Miller Drexel University
	11:15-12:30	13-Environmental and Agricultural Applications	Selma Mededovic Thagard Clarkson University
	12:30-14:00	*Lunch*	
Location TBD	14:00-15:15	14-Chemical Conversion	Peter Bruggeman University of Minnesota
	15:15-15:30	*Break*	
	15:30-16:45	15-Electric Propulsion	Mitchell Walker Georgia Institute of Technology
Location TBD	18:00-20:00	*Banquet and Career Panel Discussion*	
Friday 19 June			
	08:00-08:30	*Breakfast*	
Location TBD	08:30-10:00	16-Materials Processing: High Pressure	Ryan Robinson Plasmatreat North America
	10:00-10:30	*Break*	
	10:30-12:00	17-Materials Processing: Low Pressure	Jane Chang University of California at Los Angeles
	12:00-12:15	School Summary and Farewells	Katharina Stapelmann, Steven Shannon, Peter Bruggeman and Mark J. Kushner
	12:15-13:00	*Lunch*	