

US Low Temperature Plasma Summer School (v03)
North Carolina State University
15-19 June 2026

Monday	15 June		
<i>Location TBD</i>	07:45-08:20	<i>Registration and breakfast</i>	
	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	<i>Break</i>	
	10:30-12:00	2-Low Pressure Plasmas	Tiago Dias Eindhoven University of Technology
	12:00-13:30	<i>Lunch</i>	
<i>Location TBD</i>	13:30-15:00	3-Plasma Kinetics	Uwe Kortshagen University of Minnesota
	15:00-15:30	<i>Break</i>	
	15:30-17:00	4-Magnetized Collisional Plasmas and Plasma Wave Interactions	Larry Overzet University of Texas at Dallas
<i>Location TBD</i>	17:30-19:30	<i>Poster Session and light dinner/refreshments</i>	
Tuesday	16 June		
<i>Location TBD</i>	08:00-08:30	<i>Breakfast</i>	
	08:30-10:00	5-Dusty Plasmas	Edward Thomas Auburn University
	10:00-10:30	<i>Break</i>	
	10:30-12:00	6-High Pressure Plasmas	Katharina Stapelmann North Carolina State University
	12:00-13:30	<i>Lunch</i>	
<i>Location TBD</i>	13:30-15:00	7-Plasma Sources and Power System Design	Steven Shannon North Carolina State University
	15:00-15:30	<i>Break</i>	
	15:30-17:00	8-Plasma Chemistry	Mark J. Kushner University of Michigan
		<i>Free night and Group Activities</i>	
Wednesday	17 June		
<i>Location TBD</i>	08:00-08:30	<i>Breakfast</i>	
	08:30-10:00	9-Fluid Modeling of LTPs	Juan Trelles University of Massachusetts-Lowell
	10:00-10:30	<i>Break</i>	
	10:30-12:00	10-Diagnostics	Igor Adamovich Ohio State University
	12:00-12:15	Group Photograph	
	12:15-13:30	<i>Lunch</i>	
<i>Location TBD</i>	13:30-18:00	<i>Lab Tours/Hands-On Experiences</i>	

Thursday	18 June		
<i>Location TBD</i>	08:00-08:30	<i>Breakfast</i>	
	08:30-09:45	11-Thermal Plasmas	Francois Gitzhofer Université de Sherbrooke
	09:45-10:00	<i>Break</i>	
	10:00-11:15	12-Plasma Biotechnology	Stephan Reuter Polytechnique Montréal
	11:15-12:30	13-Environmental and Agricultural Applications	Selma Mededovic Thagard Clarkson University
	12:30-14:00	<i>Lunch</i>	
<i>Location TBD</i>	14:00-15:15	14-Chemical Conversion	Peter Bruggeman University of Minnesota
	15:15-15:30	<i>Break</i>	
	15:30-16:45	15-Electric Propulsion	Mitchell Walker Georgia Institute of Technology
<i>Location TBD</i>	18:00-20:00	<i>Banquet and Career Panel Discussion</i>	
Friday	19 June		
	08:00-08:30	<i>Breakfast</i>	
<i>Location TBD</i>	08:30-10:00	16-Materials Processing: High Pressure	Ryan Robinson Plasmatrete North America
	10:00-10:30	<i>Break</i>	
	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	<i>Lunch</i>	