

**US Low Temperature Plasma Summer School (v05)**  
**North Carolina State University**  
**15-19 June 2026**

<b>Monday</b>	<b>15 June</b>			
<i>David Clark Labs Addition 101</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>David Clark Labs Addition 101</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>	
<b>Tuesday</b>	<b>16 June</b>			
<i>David Clark Labs Addition 101</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>David Clark Labs Addition 101</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>Location TBD</i>		17:30 – 18:30 (Optional)	<i>Special Seminar</i> Prof. Kremena Makasheva <i>Université de Toulouse, France</i> "Plasma process for multifunctional AgNPs-based nanocomposites: synthesis and applications"	
		<i>Free night and Group Activities</i>		

<b>Wednesday</b>	<b>17 June</b>		
<i>David Clark Labs Addition 101</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>	
		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	
<b>Thursday</b>	<b>18 June</b>		
<i>David Clark Labs Addition 101</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	Vandana Miller Drexel University
	11:15-12:30	13-Environmental and Agricultural Applications	Selma Mededovic Thagard Clarkson University
		12:30-14:00	<i>Lunch</i>
<i>David Clark Labs Addition 101</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>Witherspoon Student Center, Washington- Sankofa Room</i>	18:00-20:00	<i>Banquet and Career Panel Discussion</i>	

<b>Friday</b>	<b>19 June</b>		
		08:00-08:30	<i>Breakfast</i>
<i>David Clark Labs Addition 101</i>		08:30-10:00	16-Materials Processing: High Pressure Ryan Robinson Plasmatreteat 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>