

# International School on Polaritonics and Photovoltaics (ISPP 2017)

## PROGRAM AT A GLANCE

SUNDAY August 27	MONDAY August 28	TUESDAY August 29	WEDNESDAY August 30	THURSDAY August 31	FRIDAY September 1	SATURDAY September 2
	<b>08:50-09:00</b>	<b>Opening remarks</b>				
<b>Arrival Day</b>	09:00-09:40	<b>David Snoke</b> Bose Einstein Condensation	<b>Rainer Mahrt</b> Organic microcavities	<b>EXCURSION</b>	<b>Mikhail Glazov</b> Spin-dependent effects and semiconductors (III-Vs & 2D)	<b>Sven Hoefling</b> III-V technology for polaritonics
	09:40-10:20					
	10:20-11:00	<b>Nina Voronova</b> Internal oscillations in exciton-polariton BEC	<b>Christian Schneider</b> Polaritons in 2D materials		<b>Jana Zaumseil</b> Strong coupling in carbon nanotubes	<b>Jenny Clark</b> Spectroscopy of organic semiconductors
	<b>11:00-11:30</b>	<i>Coffee Break</i>	<i>Coffee Break</i>		<i>Coffee Break</i>	<i>Coffee Break</i>
	11:30-12:10	<b>Jonathan Keeling</b> Models of strong coupling with organic molecules	<b>Jonathan Keeling</b> Vibrationally dressed polaritons in organic microcavities		<b>Alexey Kavokin</b> Optical Spin Hall effect and its Manifestations in Polaritonics	<b>Sergey Gavrilov</b> Polariton chimeras: Bose condensates with intrinsic chaoticity and spontaneous long-range ordering
	12:10-12:30	<b>Jani-Petri Martikainen</b> Coupling organics to plasmonic modes	<b>Graham Turnbull</b> Organic lasers: status, challenges and opportunities for polaritons		<b>Misha Portnoi</b> Zero energy excitons and Cooper pairs in graphene	<b>Giuseppe Buonaiuto</b> Strong antibunching in microcavity polaritons
	12:30-12:50					<b>Best Poster Award + Closing</b>
	<b>12:50-15:00</b>	<i>Lunch</i>	<i>Lunch</i>		<i>Lunch</i>	<i>Lunch</i>
	15:00-15:20	<b>Nikolay Gippius</b> Optical properties of resonant photonic structures	<b>Christof Dietrich</b> Light-matter interaction in microcavities filled with fluorescent proteins		<b>Laura Tropsf</b> Fine-tuning light-matter coupling in organic microcavities	<b>Departure Day</b>
	15:20-15:40				<b>Kishan Menghrajani</b> Strong coupling between plasmonic and molecular vibrational resonances in a polymer	
	15:40-16:00	<b>Gregory Goltsman</b> Quantum-photonic integrated circuits (QPICs)	<b>Arko Graf</b> Electrically pumped exciton-polaritons in the near-infrared		<b>3min Poster Present.</b>	
	16:00-16:20		<b>Valentin Walther</b> Giant optical nonlinearities induced by Rydberg-exciton interactions in semiconductor microcavities		<b>POSTER SESSION</b>	
	16:20-17:00					
	<b>17:00-17:30</b>	<i>Coffee Break</i>	<b>17:00 SOCCER MATCH</b>			
<b>19:30</b>			<b>SOCIAL DINNER</b>			