

26th – 27th of August 2024

Workshop on Tips and Tricks
for the Crystal Growth of
Inorganic Materials

Paul Scherrer Institute
(PSI)

Monday, 26th of August

08:00 – 08:55	Registration
08:55 – 09:00	Welcome words
<i>Crystal growth using the Czochralski and Bridgman methods</i>	
09:00 – 09:40	<i>Keynote talk:</i> Christo Gugushev (Leinbiz Institute for Crystal Growth, Germany)
09:40 – 10:20	<i>Keynote talk:</i> Karl Krämer (University of Bern, Switzerland)
<i>Crystal growth using the floating zone method</i>	
10:20 – 10:45	<i>Contributed talk:</i> Monica Ceretti (Institute Charles Gerhardt Montpellier, University of Montpellier, France)
10:45 – 11:15	Coffee break
11:15 – 11:55	<i>Keynote talk:</i> Geetha Balakrishnan (University of Warwick, United Kingdom)
11:55 - 12:20	<i>Contributed talk:</i> Arnau Romaguera Camps (Paul Scherrer Institute, Switzerland)
12:20 – 12:45	<i>Contributed talk:</i> Yong Liu (EPFL, Switzerland)
12:45 – 14:00	Lunch break
14:00 – 14:25	<i>Contributed talk:</i> Dorota Pulmannova (Leinbiz Institute for Crystal Growth, Germany)
<i>Synthesis and crystal growth in extreme conditions</i>	
14:25 – 15:05	<i>Keynote talk:</i> Pascal Pupal (Max Planck Institute for Solid State Research, Germany)
15:05 – 15:30	<i>Contributed talk:</i> Igor Plokhikh (Paul Scherrer Institute, Switzerland)
15:30 – 16:00	Coffee break
<i>Crystal growth using the chemical vapour transport method</i>	
16:00 – 16:40	<i>Keynote talk:</i> Anna Böhmer (Ruhr University Bochum, Germany)
16:40 – 17:05	<i>Contributed talk:</i> Anastasiia Lukovkina (University of Geneva, Switzerland)
17:05 – 17:30	<i>Contributed talk:</i> Ashutosh Wadge (Institute of Physics, Polish Academy of Sciences, Poland)
17:45 – 19:15	Poster session and Apéro
19:30 – 21:00	Workshop dinner at PSI Restaurant OASE

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Perspectives on materials science: from prediction to realisation

08:30 – 09:10	<i>Keynote talk:</i> Nicola Marzari (EPFL, Switzerland)
09:10 – 09:35	<i>Contributed talk:</i> Jonathan Schmidt (ETH Zürich, Switzerland)
09:35 – 10:00	<i>Contributed talk:</i> Timo Reents (Paul Scherrer Institute, Switzerland)
10:00 – 10:30	Coffee break

Crystal growth using the flux method

10:30 – 11:10	<i>Keynote talk:</i> Tomasz Klimczuk (Gdańsk University of Technology, Poland)
11:10 - 11:35	<i>Contributed talk:</i> Lea Richter (Max Planck Institute for Chemical Physics of Solids, Germany)
11:35 – 12:00	<i>Contributed talk:</i> Kai Daniel Röseler (University of Geneva, Switzerland)

Round table discussions

12:00 – 12:45	<i>Moderator:</i> Romain Sibille (Paul Scherrer Institute, Switzerland)
12:45 – 12:50	Closing remarks
12:50 – 14:00	Lunch break
14:00 – 15:30	Visit to SINQ