

SCIENTIFIC PROGRAM | SUNDAY, JULY 21

16:00-20:00	Registration	Ground Floor
18:00-20:00	Get Together Party	Ground Floor

SCIENTIFIC PROGRAM | MONDAY, JULY 22

from 09:00	Registration	Ground Floor
09:45-10:15	Opening Ceremony	Aula
10:15-11:15	Plenary Session I Chair Andrzej Wyszomtek (University of Warsaw, Poland)	Aula
	How modeling in crystal growth allows us to "see what is hidden by what we see" Jeffrey Derby (University of Minnesota, USA)	
11:45-14:00	Session S1 - Fundamentals of Crystal Growth and Modeling Chairs Dominique Maes, Janis Virbulis	Room 107
11:45-12:15	INVITED TALK On the interplay between mass conservation, step geometry and impurity dynamics on step growth James Lutsko (University Libre de Bruxelles, Belgium)	
12:15-12:30	Phase diagrams of GaN and InN: ab initio Molecular Dynamics Study and comparison to the experimental data Izabella Grzegory (Unipress, Poland)	
12:30-12:45	Study of gallium nitride solubility in ammonothermal alkaline solution under various physicochemical conditions Karolina Grabiańska (Unipress, Poland)	
12:45-13:00	On the influence of growth conditions on both the crystalline quality and surface morphology of epitaxial III-N thin films by a molecular dynamics approach Ayla Zaiter (Université de Caen Normandie, France)	
13:00-13:15	Anisotropic interfacial energy and equilibrium morphology of KH_2PO_4 crystals Alexandra Peña (Institut Néel, CNRS, Université Grenoble Alpes, France)	
13:15-13:30	The size of the critical nucleus of polymer crystals does not depend on supersaturation: Evidence from both experiment and theory Jun Xu (Tsinghua University, China)	
13:30-13:45	Crystal growth, structural and magnetic characterization of $\text{NaBa}_{1-x}\text{Sr}_x\text{Cr}_2(\text{PO}_4)_3$ crystals of the langbeinite phosphate family Mathis Gandin (Institut NEEL - CNRS - UGA, France)	
13:45-14:00	Computational study on semitransparent semiconductor crystal growth Faiza Mokhtar (USTHB University, Algeria)	
11:45-14:15	Session S3+S5 - Crystals for Energy Production, Saving and Storage + Crystals and Films for Sensors and Detectors Chairs S3: Martin Bellmann, Alessandro Romeo, S5: Radhakrishnan Sumathi, Wilfried Prellier	Room 105
11:45-12:15	INVITED TALK Strain and Electric Field Dependence of Magnetic Anisotropy in Manganite Microstructures Amlan Biswas (University of Florida, USA)	
12:15-12:30	(Cd,Mn)Te and (Cd,Mn)(Te,Se) crystals for room temperature X-ray and gamma-ray detection Aneta Masłowska (Institute of Physics PAS, Poland)	