Schedule of Int. Winter School on Analytics for Photovoltaics
Quantsol 2024, Hirschegg, Austria

	Tue. 9.1.	Wed 10.1.	Thu. 11.1.	Fr. 12.1.	Sat. 13.1	Sun. 14.1.
7^{30} - 8^{00}		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
8^{15} – 8^{30}		*Welcome Remarks*				
8^{30} - 9^{30}		Student Talks 1	*Atomically resolved scanning probe methods Part II* D. Vanmaekelbergh	*Raman, IR* Marco Favaro	*Optical characterization techniques* Christiane Becker	Departure
9^{30} – 9^{40}		Short Break	Short Break	Short Break	Short Break	
9^{40} – 10^{40}		Student Talks 2	*Introduction to Magnetic Resonance* Klaus Lips	*Diffraction methods* Susan Schorr	*X-ray light sources* Marco Favaro	
10^{40} – 10^{50}		Short Break	Short Break	Short Break	Short Break	
10^{50} – 11^{50}		*General Introduction to Semiconductor Physics* T. Kirchartz	*Surface photovoltage techniques for studying photoactive materials* Th. Dittrich	*The complex refractive Index* Christiane Becker	*TEM toolbox* Katja Höflich	
11^{50} – 16^{00}		Lunch and Individual Discussions – Coffee with Strudel at 15^{30}h	Lunch and Individual Discussions – Coffee with Strudel at 15^{30}h	Lunch and Individual Discussions	Lunch and Individual Discussions – Coffee with Strudel at 15^{30}h	
16^{00} – 17^{00}	Arrival	*General Introduction to Semiconductor Physics* T. *Kirchartz*	*Basics in Crystallography and Scattering Theory* Susan Schorr	*SEM toolbox* Katja Höflich	*Charge carrier lifetimes and contactless voltage-current curves* Thomas Kirchartz	
17^{00} – 17^{10}		Short Break	Short Break	Short Break	Short Break	
17^{10} – 18^{10}		*Photoelectric measurement techniques* Thomas Dittrich	*Transient Photoluminescence& Pump-Probe Spectroscopy* Thomas Unold	*Nuclear magnetic resonance* Klaus Lips	*Electron Spin Resonance* Klaus Lips	
18^{20} – 19^{30}	Dinner	Dinner	Dinner	Dinner	Dinner	
19^{30} – 20^{30}	Champagne Reception	*Electron-Solid Interaction* Katja Höflich	*Current voltage curves and efficiencies* Thomas Kirchartz	*Steady state Photo- and Electroluminescence* Thomas Kirchartz	Farewell Session	
20^{30} – 20^{40}		Short Break	Short Break	Short Break	Short Break	
20^{40} – 21^{40}	Welcome Party	*Atomically resolved scanning probe methods Part I* D. Vanmaekelbergh	*X-ray light sources* Marco Favaro	*Data Analysis / Machine Learning* Thomas Unold:	Goodbye Party	