Transferrable Skills Training and Academic Advisory Board Meeting
20th – 22nd April 2022

Lancaster University/Lancaster House Hotel, Lancaster, United Kingdom

Please note that all times are UK time (Europe -1 hour)

Transferrable skills training

Wednesday 20th April 2022, Training Room 3, Lancaster Conference Centre, Lancaster House Hotel		
09:45-10:00	Welcome and introduction	Prof Manus Hayne, Lancaster University
10:00-13:00	Transferrable skills training Session 1: Research ethics	Dr Katy Mahoney, Vitae
Lunch		
14:00-17:00	Transferrable skills training Session 2: Project management	Dr Katy Mahoney, Vitae
Thursday 21st April 2022, Training Room 3, Lancaster Conference Centre, Lancaster House Hotel		
10:00-13:00	Transferrable skills training Session 3: Engagement and impact in research	Dr Katy Mahoney, Vitae
Lunch		

Supervisory board meeting

Thursday 21st April 2022, TBC		
10:00-12:30	See separate agenda	
Lunch, Lancaster Conference Centre, Lancaster House Hotel		

Academic advisory board meeting and ESR talks

Thursday 21st April 2022, Training Room 2, Lancaster Conference Centre, Lancaster House Hotel		
14:00-14:45	Photonic devices and circuits based on monolithic growth of III-V semiconductors on silicon	Prof Mike Wale, Department of Electronic and Electrical Engineering, UCL
	Work package 3 - Material and device Fabrication	
14:45-15:15	ESR 3 - Novel III-Sb quantum materials for photovoltaics	Malte Schwarz, Technical University of Madrid
15:15-15:45	ESR 4 - III-Sb charge-storage devices for non-volatile random access memories	Xiuxin Xia, Lancaster University
Coffee Break		
16:00-16:30	ESR 5 - Telecoms-wavelength GaSb quantum ring single-photon LEDs	Gizem Acar, Lancaster University
16:30-17:00	ESR 10 - Development of antimony based interband cascade nanostructures and superlattices	Borislav Petrovic, Julius-Maximilians-Universität Würzburg
Lab tour		
19:30 pm Dinner, Dalton Suite, Lancaster House Hotel		

Friday 22nd April 2022, Training Room 2, Lancaster Conference Centre, Lancaster House Hotel		
09:00-09:45	A direct epitaxial approach to monolithically integrating InGaN micro-LEDs and HEMTs for microdisplay and VLC	Prof Tao Wang, Department of Electronic and Electrical Engineering, U. Sheffield
	Work package 6 - Scale up and road to market	
09:45-10:15	ESR 12 - Industrial aspects and upscaling of III-Sb MOCVD technology	Hajrudin Husejni, AIXTRON SE
10:15-10:45	ESR 13 - Wafer engineered long wave infrared photodiodes	Chen Liu, IQE PLC
Coffee Break		
11:00-11:30	ESR 14 - Multiband quantum transport in III-Sb based devices	Takuma Sato, nextnano GmbH
	Work package 5 - Theory and simulation	
11:30-12:00	ESR 8 - Magnetic properties of novel III-Sb nanostructures	Julian Zanon, Eindhoven University of Technology
12:00-12:30	ESR 11 - Multiscale simulation of novel III-Sb quantum materials and devices	Anh-Luan Phan, University of Rome Tor Vegata
12:30-13:00	ESR 9 - Evolutionary inverse design numerical approaches for improved III -Sb devices	Lucie Leguay, TU Berlin
Lunch		
14:00-14:45	Title TBA	Dr Andy Marshall, Department of Physics, Lancaster University
	Workpackage 4 - Structural and Functional Analysis	
14:45-15:15	ESR 1 - Spin-photon interfaces and filters based on tunable III-Sb nanostructures and heterostructures	Guilio Barbieri, Instituto de Micro y NanoTecnología, CSIC
15:15-15:45	ESR 2 - Smart synchrotron nanoprobe investigations of III-Sb devices	Fernanda Malato Praxedes, Materials Science Institute of Madrid (ICMM-CSIC)
Coffee break		
16:00-16:30	ESR 6 - Advanced electron microscopy of III-V antimonides	Francisco Alvarado Cesar, University of Warwick
16:30-17:00	ESR 7 - Atomic scale characterization of III-Sb quantum materials	Aurelia Trevisan, Eindhoven University of Technology
Close of meeting		