

FLEET STRATEGIC RESEARCH MEETING				
RMIT Academic Building 80, level 10, room 17				
Monday, 5 December 2022				
	Strategic workshop 80.10.17	Chair	Speaker	Presentation Title
10:30			25 minutes: MORNING TEA BREAK	
10:55			Michael Fuhrer	Welcome
11:00	30 minutes: Equity & Diversity committee	Jared Cole	Jeff Davis	Equity & Diversity: strategic targets and legacy
11:30	30 minutes: Outreach committee		Julie Karel	Outreach: strategic targets and legacy
12:00	30 minutes: Education & Training committee		Sue Coppersmith REMOTE	Education & Training: strategic targets and legacy
12:30			60 minutes: LUNCH	
13:00				
13:30	30 minutes: Communications committee	Priyank Kumar	Karina Hudson REMOTE	Communication: strategic targets and legacy
14:00	30 minutes: Industry relations committee		Sumeet Walia/Torben Daenke	Industry relations: strategic targets and legacy
14:30	30 minutes: FLEET translation program		Matthew Davis	Translation Program: legacy and sustainability
15:00			30 minutes: AFTERNOON TEA BREAK	
15:30				
16:00	90 minutes: Governance - FLEET legacy	Tich-Lam Nguyen	Michael Fuhrer	Discussion with the membership
16:30				
5:30PM - ECR SOCIAL EVENT @ QV: STRIKE BOWLING & ESCAPE ROOM - CNR LONSDALE & SWANSTON STREETS MELBOURNE				
Tuesday, 6 December 2022				
	Strategic workshop 80.10.17	Chair	Speaker	Presentation Title
09:00	90 minutes: Themes 1AB Session 1	Amelia Domingues Celorrio	Oleh Klochan REMOTE	Klochan update & results on artificial band structure
09:22			Alex Hamilton	Hamilton update and results on long quantum wires
09:44			Jared Cole	Cole update on computational modelling for FLEET experiments
10:06			Oleg Sushkov REMOTE	Sushkov group update on exciton insulators and plans for research in 2023
10:30			30 minutes: MORNING TEA BREAK	
11:00	90 minutes: Theme 2 Session 1	Dongchen Qi	Elena Ostrovskaya	Theme 2 overview & Exciton-polariton research at ANU
11:30			Michael Fuhrer	Ohmic contacts to p-type monolayer semiconductors: towards p-n resonant tunneling devices
12:00			Matthew Davis	Advances with superfluids in channels and other updates from UQ
12:30			60 minutes: LUNCH	
13:00				
13:30	90 minutes: Theme 3 Session 1	Chris Vale	Kris Helmerson	Theme 3 overview and update from Helmerson's group
14:00			Matthew Davis	Theme 3 update from UQ node
14:30			Jeff Davis	Theme 3 update from J. Davis' group
15:00			30 minutes: AFTERNOON TEA BREAK	
15:30	90 minutes: Themes 1AB Session 2	Agustin Schiffrin	Michael Fuhrer	Michael Fuhrer Update
15:48			Julie Karel	Karel update on disordered topological insulators
16:06			Xiaolin Wang	Xiaolin update and results on non-magnetic and magnetic TIs
16:24			Dimi Culcer REMOTE	Dimi Culcer update
16:42			Nikhil Medhekar REMOTE	Medhekar update
16:42			6-9PM: DINNER @ HOLEY MOLEY - 590 LT BOURKE STREET MELBOURNE	
Wednesday, 7 December 2022				
	Strategic workshop 80.10.17	Chair	Speaker	Presentation Title
09:00	90 minutes: Themes 1AB Session 3	Xiaolin Wang	Peggy Zhang/Vivasha Govinden REMOTE	Valanoor update
09:22			Pankaj Sharma REMOTE	Seidel group research update and plans for FLEET research in 2023
09:44			Priyank Kumar/Jianbo Tang	Kourosh past update and Priyank/Jianbo future plans
10:06			Agustin Schiffrin	Schiffrin update on organic and metal-organic electronic nanomaterials
10:30			30 minutes: MORNING TEA BREAK	
11:00	90 minutes: Theme 2 Session 2	Matthias Wurdack	Jesper Levinsen	Theory progress on exciton interactions and on quasi-equilibrium exciton-polariton condensates
11:45			Jeff Davis	Dynamics and interactions of excitons in TMDC monolayers and heterostructures
12:30			60 minutes: LUNCH	
13:00				
13:30	90 minutes: Theme 3 Session 2	Meera Parish	Brendan Mulkerkin	Theme 3 update from Parish's group
14:00			Agustin Schiffrin	Theme 3 update from Schiffrin's group
14:30			Chris Vale	Theme 3 update from Vale's group
15:00			30 minutes: AFTERNOON TEA BREAK	
15:30				
16:00	90 minutes: Research Theme Wrap-Up	Research theme leaders		Discussion with the membership
16:30				