QTFCP 2024
28-31 May 2024, Okinawa, Japan

	Monday, 27th	Tuesady, 28th	Wednesday, 29th	Thursday, 30th	Friday, 31st	Saturday, Jun 1st
	Seaside House	Seaside House	Seaside House	Seaside House	Main Campus, B250	Seaside House
8:30					Transfer to campus	
8:50		Opening Session				
9:00		Invited Talk (45min) **Paul Leiderer**	Invited Talk (45 min) **David Rees**	Invited Talk (45 min) **Hartmut Haeffner**	Invited Talk (45min) **Kimitoshi Kono**	
9:30						
10:00		Invited Talk (45min) **Maja Cassidy**	Contributed Talk (30 min) **Niyaz Beysengulov**	Invited Talk (45 min) **Atsushi Noguchi**	Invited Talk (45min) **Hiroki Ikegami**	
10:30		Coffee Break (30min)	Coffee Break (30 min)	Coffee Break (30 min)	Coffee Break (30 min)	
11:00		Invited Talk (45 min) **Dafei Jin**	Invited Talk (30 min) **Denis Konstantinov**	Invited Talk (45 min) **Jose Verdu Galiana**	Group Photo & Lab Tours	
11:30			Invited Talk (30 min) **Erika Kawakami**			
12:00		Invited Talk (45min) **Wei Guo**	Contributed Talk (30 min) **Mikhail Belianchikov**	Invited Talk (45min) **Ambarish Ghosh**		Departure
12:30		Lunch (90 min)	Lunch (105 min)	Lunch (90 min)		
13:00						
13:30						
14:00		Invited Talk (45 min) **Stephen Lyon**	Contributed Talk (30 min) **Asher Jennings**	Invited Talk (45 min) **Michal Hejduc**		
14:30			Contributed Talk (30 min) **Camille Mikolas**			
15:00	Arrival & Registration	Invited Talk (45 min) **David Schuster** **Christopher Wang**	Contributed Talk (30 min) **Austin Schleusner**	Invited Talk (45 min) **Franz Schmidt-Kaller**	Lunch & Excursion	
15:30		Coffee Break (30 min)	Coffee Break (30 min)	Coffee Break (30 min)		
16:00		Invited Talk (45 min) **Mark Blumenthal**	Contributed Talk (30 min) **Bart Schellenberg**			
16:30			Contributed Talk (30 min) **Fabio Ansaloni**			
17:00		Invited Talk (45min) **Alexei Chepelianskii**	Poster Session	Round Table Discussion, Free time		
17:30		Poster Session				
18:00						
18:30					Closing Session	
19:00	Dinner	Dinner	Dinner	Workshop Dinner	BBQ Dinner	

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Tuesday May 28, 2024

Venue: Seaside House

Time					
8:50	OPPENING				
9:00	INVITED TALK	Paul	Leiderer	University of Konstantz	**Surface electrons above solid substrates - a Review**
9:45	INVITED TALK	Maja	Cassidy	University of New South Wales	**Mapping the growth of solid neon using multiplexed superconducting resonators**
10:30	COFFEE				
11:00	INVITED TALK	Dafei	Jin	University of Notre Dame	**Noise spectrum and temperature dependance of electron-on-neon (eNe) charge qubits**
11:45	INVITED TALK	Wei	Guo	Florida State University	**Ring quantum states of electrons on solid neon for quantum computing**
12:30	LUNCH				
14:00	INVITED TALK	Stephen	Lyon	Princeton University	**Electrons bound to superfluid helium: physics and devices**
14:45	INVITED TALK	David Christopher	Schuster Wang	University of Chicago	**Towards the strong coupling regime of cavity QED with electrons on helium**
15:30	COFFEE				
16:00	INVITED TALK	Mark	Blumenthal	University of Cape Town	**Single-electron pumping**
16:45	INVITED TALK	Alexei	Chepelianskii	University Paris-Saclay	**Magnetoplasmon and zero-resistance states**
17:30	POSTER SESSION				
19:00	BUFFET DINNER				

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Wednesday May 29, 2024

Venue: Seaside House

Time					
9:00	INVITED TALK	David	Rees	EeroQ Corporation	**Scalable device architecture for electrons trapped on the surface of helium**
9:45	CONTRIBUTED TALK	Niyaz	Beysengulov	EeroQ Corporation	**Towards coherence: control and readout of electrons on helium**
10:15	COFFEE				
10:45	INVITED TALK	Denis	Konstantinov	OIST	**Rydberg states of trapped electrons for quantum computing**
11:15	INVITED TALK	Erika	Kawakami	RIKEN	**Coupling an esemble of electrons on liquid helium to an RF circuit**
11:45	CONTRIBUTED TALK	Mikhail	Belianchikov	OIST	**Rydberg state detection of electrons confined in microchanels**
12:15	LUNCH				
14:00	CONTRIBUTED TALK	Asher	Jennings	RIKEN	**Coupling plasmons on liquid helium to an LC resonator**
14:30	CONTRIBUTED TALK	Camille	Mikolas	Michigan State University	**Plasmon mode engeneering and towards cQED with electrons on helium**
15:00	CONTRIBUTED TALK	Austin	Schleusner	Michigan State University	**High-frequency dynamics of the liquid and solid phases of electrons on helium**
15:30	COFFEE				
16:00	CONTRIBUTED TALK	Bart	Schellenberg	University of Groningen	**Levitated optomechanics for future precision measurements**
16:30	CONTRIBUTED TALK	Fabio	Ansaloni	Quantum Machines	**Hemetic packaging for cryogenic experiments**
17:00	Poster session				
19:00	BUFFET DINNER				

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Thursday May 30, 2024

Venue: Seaside House

Time					
9:00	INVITED TALK	Hartmut	Haeffner	University of California Berkeley	**Towards a trapped electron quantum computer**
9:45	INVITED TALK	Atsushi	Noguchi	University of Tokyo	**Electrical detection of electrons in Paul trap with the coupled coaxial cavities**
10:30	COFFEE				
11:00	INVITED TALK	Jose Verdu	Galiana	University of Sussex	**Trapped electrons for quantum microwave technology applications**
11:45	INVITED TALK	Ambarish	Ghosh	Indian Institute of Science	**Instabilities and electronic phase transtions within multielectron bubbles**
12:30	LUNCH				
14:00	INVITED TALK	Michal	Hejduc	Charles University	**Electron-ion trapping for starters**
14:45	INVITED TALK	Franz	Schmidt-Kaller	University of Erlangen-Nuremberg	**Manipulating free eV to keV electrons on a chip: from guides to beam splitters and resonators**
15:30	COFFEE				
16:00	ROUND TABLE DISCUSION, FREE TIME				
19:00	WORKSHOP DINNER				

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Friday May 31, 2024

Venue: OIST Main Campus, Center Building B250

Time					
9:00	INVITED TALK	Kimitoshi	Kono	National Yang Ming Chiao Tung University	**Ion pool trapped at the surface of superfluid helium**
9:45	INVITED TALK	Hiroki	Ikegami	IOP Chinese Academy of Science	**Topological properties of superfluid 3He studied by electron bubbles trapped at the surface**
10:30	COFFEE				
11:00	LAB TOURS				
12:30	LUNCH AND EXCURSION				
18:30	CLOSING SESSION	Denis	Konstantinov	OIST	**Prospectives of floating electrons**
19:00	BBQ DINNER				