

School and Workshop on Ultrafast Electronics Meets Quantum Thermodynamics | (SMR 4238)

21 Sep 2026 - 09 Oct 2026
ICTP, Italy

6 Directors

1. BAUERLE Christopher	(In Pers.)	Institute Neel, CNRS France	France
2. BENENTI Giuliano	(In Pers.)	Universita' degli Studi dell'Insubria Dipartimento di Fisica e Matematica	Italy
3. HAACK Geraldine	(In Pers.)	University of Geneva	Switzerland
4. JELIC Asja	(In Pers.)	ICTP, CMSP	Italy
5. LOPEZ GONZALO Maria Rosa	(In Pers.)	University of Balearic Islands Institute for Cross-Disciplinary Physics and Complex Systems	Spain
6. MOSKALETS Mykhailo	(In Pers.)	NTU Kharkiv Polytechnic Institute, Ukraine	Ukraine

7 Lecturers

1. BIRNER Stefan	(In Pers.)	nextnano GmbH	Germany
2. HORODECKI Michal	(In Pers.)	University of Gdańsk	Poland
3. KASCEJEVS Vjaceslavs	(In Pers.)	University of Latvia Department of Physics	Latvia
4. KOHLER Sigmund Albert	(In Pers.)	Instituto de Ciencia de Materiales de Madrid (CSIC)	Spain
5. MORA Christophe Pierre Marcel	(In Pers.)	Ecole Normale Supérieure ENS Laboratoire Pierre Aigrain	France
6. SHEVCHENKO Sergiy	(Online)	Academy of Sciences of Ukraine B.I. Verkin Institute For Low Temperature Physics & Engineering Mathematical Division	Ukraine
7. ZGIRSKI Maciej Ludwik	(In Pers.)	Institute of Physics Polish Academy of Sciences	Poland

25 Speakers

1. ACCIAI Matteo	(In Pers.)	SISSA	Italy
2. AMBAINIS Andris	(In Pers.)	University of Latvia	Latvia
3. ARRACHEA Liliana Del Carmen	(In Pers.)	Centro Atómico Bariloche Instituto de Nanociencia y Nanotecnología and Instituto Balseiro	Argentina
4. BLASI Gianmichele	(In Pers.)	IFISC (CSIC-UIB)	Spain
5. BURSET Pablo	(In Pers.)	UAM	Spain
6. D'AMICO Irene	(In Pers.)	School of Physics, Engineering and Technology, University of York	United Kingdom of Great Britain and Northern Ireland
7. ENSSLIN Klaus Wilhelm Eberhard	(In Pers.)	Eidgenössische Technische Hochschule Hönggerberg Lab. Für Festkörperphysik	Switzerland
8. FERRARO Dario	(In Pers.)	University of Genova	Italy
9. FLINDT Christian	(In Pers.)	Aalto University, Finland	Denmark
10. GUARNIERI Giacomo	(In Pers.)	Università di Pavia	Italy
11. KARIMI Bayan	(In Pers.)	QTF Centre of Excellence Department of Applied Physics, PICO group Aalto University	Finland
12. KATAOKA Masaya	(In Pers.)	National Physical Laboratory, UK	-
13. MYRONOV Maxim	(In Pers.)	University of Warwick	United Kingdom of Great Britain and Northern Ireland
14. PEKOLA Jukka Pekka	(In Pers.)	Aalto University School of Science	Finland
15. POMARANSKI David	(In Pers.)	School of Engineering, Quantum-Phase Electronics Center, Department of Applied Physics, the University of Tokyo	Japan
16. RECH Jerome Robert Theodore	(In Pers.)	Centre de Physique Théorique	France
17. ROULLEAU Preden	(In Pers.)	Université Paris-Saclay, CEA, CNRS	France
18. SAFI Ines	(In Pers.)	Université Paris-Saclay	France
19. SANCHEZ RODRIGO Rafael	(In Pers.)	Departamento de física teórica de la materia condensada Universidad Autónoma de Madrid	Spain
20. SPÄNSLÄTT RUGARN Jan Christian	(In Pers.)	Karlstad University	Sweden

21.	SPLETTSTOESSER Janine Christiane	(In Pers.)	Chalmers University of Technology	Sweden
22.	TAKADA Shintaro	(In Pers.)	Osaka University	Japan
23.	URDAMPILLETA Matias	(In Pers.)	Institut NEEL	France
24.	VISWANATHAN Praveen	(In Pers.)	TU DELFT	Netherlands (Kingdom of the)
25.	WAINAL Xavier	(In Pers.)	Univ. Grenoble Alpes, CEA, Grenoble INP, IRIG, Pheliqs, France	-

3 Tutors

1.	FUNO Ken	(In Pers.)	Department of Applied Physics The University of Tokyo	Japan
2.	SOLLIER Elodie	(In Pers.)	Benkei	France
3.	VALENTIN Sascha Rene	(In Pers.)	GFG	Germany

58 Participants

1.	ABDELLAOUI Mohammed	(In Pers.)	Mohammed V University Department of Physics LPHE-Modeling and Simulation	Morocco
2.	AHMAD Uzer	(In Pers.)	Institut Néel	France
3.	AKMENTINS Austris	(In Pers.)	University of Latvia, Faculty of Science and Technology Department of Physics Nanoelectronics Theory Group	Latvia
4.	AMGHAR M'Bark	(In Pers.)	Ibn Zohr University Laboratory of Theoretical and High Energy Physics	Morocco
5.	BALASUBRAMANIAN Vigneshwar	(In Pers.)	National Institute of Technology Tiruchirappalli Department of Physics Complex Systems Laboratory	India
6.	BEHERA Bikram Keshari	(In Pers.)	University Of Hyderabad	India
7.	BENHAJ Amine	(In Pers.)	Laboratory of Condensed Matter and Interdisciplinary Sciences (LaMCScl) Faculty of Sciences Mohammed V University in Rabat	Morocco
8.	BENICHOU Quentin	(In Pers.)	Institut Néel	France
9.	BIDWELL Thomas Owain	(In Pers.)	University of Glasgow James Watt School of Engineering UltraQute team	United Kingdom of Great Britain an
10.	BIJUPUSHPAN Chandrima	(In Pers.)	Indian Institute of Technology	India
11.	BILZENS Alberts	(In Pers.)	Nanoelectronics Theory Group Department of Physics Faculty of Science and Technology, University of Latvia	Latvia
12.	BOUAFIA Zakaria	(In Pers.)	Laboratory of Mechanics and High Energy Physics, Department of Physics, Faculty of Sciences Ain Chock, Hassan II University of Casablanca, Morocco.	Morocco
13.	BOUAMAMA Lemya	(In Pers.)	Mouloud Mammeri University of Tizi Ouzou	Algeria
14.	CASTORENE Bastian Esteban Alberto	(In Pers.)	Departamento de Física Universidad Técnica Federico Santa María	Chile
15.	CHOUIBA Aicha	(In Pers.)	Hassan II University Laboratory of Mechanics and High Energy Physics, Department of Physics, Faculty of Sciences of Ain Chock	Morocco
16.	DARWISH Esa	(In Pers.)	Institute for Advanced Studies in Basic Sciences Physics Department	Iran (Islamic Republic of)
17.	DATTA Soujanya	(In Pers.)	Saha Institute of Nuclear Physics	India
18.	DEPREZ Corentin	(In Pers.)	Institut Néel CNRS	France
19.	DEY Pallabi	(In Pers.)	Saha Institute of Nuclear Physics	India
20.	ELFAKIR Jamal	(In Pers.)	Mohammed V University in Rabat Lab. of High Energy Physics - Modeling and Simulation	Morocco
21.	FEI Zhaoyu	(In Pers.)	College of science, Zhejiang Sci-Tech University	China
22.	FERREYRA Santiago Juan	(In Pers.)	Balseiro Institute Physics Division Department of Quantum Solid-State Theory and Disordered Systems	Argentina
23.	FRANCHINI Fabio	(In Pers.)	Ruder Boskovic Institute Division of Theoretical Physics Condensed Matter and Statistical Physics Group	Croatia
24.	FUKIMBARA Shoma	(In Pers.)	The University of Osaka, Graduate School of Science Department of Physics Nanoscale Physics Group	Japan

25.	GNANAPRAKASAM Sharvan Prakash	(In Pers.)	Department of Physics and Nanotechnology SRM Institute of Science and Technology	India
26.	GUO Jing	(In Pers.)	University of Florida	United States of America
27.	HRYNIV Oleksa	(In Pers.)	National Science Center Kharkiv Institute of Physics and Technology	Ukraine
28.	JAKHAR Sidhant	(In Pers.)	Indian Institute of Science Education and Research Mohali Department of Physical Sciences	India
29.	JANSONS Ernests Peteris	(In Pers.)	Department of Physics Faculty of Science and Technology University of Latvia	Latvia
30.	JING Yecheng	(In Pers.)	Nanjing University	China
31.	KAMKOU TEMGOUA Gildas William	(In Pers.)	University of Douala Department of Physics	Cameroon
32.	KARIM Hajar	(In Pers.)	Sultan Moulay Slimane University National School of Applied Sciences ENSA Beni Mellal	Morocco
33.	KUMARI Rekha	(In Pers.)	International Centre for Theoretical Sciences (ICTS), India and Tohoku University Advanced Institute for Materials Research (AIMR), Japan	India
34.	LEKEUFACK Olivier Tiokeng	(In Pers.)	University of Douala Faculty of Science Department Of Physics Laboratory of Fundamental Physics	Cameroon
35.	LONG Haoxiang	(In Pers.)	National Laboratory of Solid State Microstructures, School of Physics, and Collaborative Innovation Center of Advanced Microstructures, Nanjing University	China
36.	MAHADEVIYA Khalak Rajeshkumar	(In Pers.)	School of Physics Trinity College Dublin The University of Dublin	Ireland
37.	MAKINEN Ilari Karinpoika	(In Pers.)	Aalto University	Finland
38.	MAMO Tamiru Teshome	(In Pers.)	Addis Ababa Science and Technology University (AASTU)	Ethiopia
39.	MAZZELLA Lucas Alain	(In Pers.)	Institut Neel, CNRS	France
40.	MISHRA Sachiraj	(In Pers.)	National Institute of Science Education and Research School of Physical Sciences NISER	India
41.	NAKAMURA Toshiki	(In Pers.)	Nanoscale Physics Group, Department of Physics Graduate School of Science The University of Osaka	Japan
42.	NIU Hongwei	(In Pers.)	Inner Mongolia University of Technology School of New Energy	China
43.	NOUVELLON Marceau Claude Jean	(In Pers.)	Institut Neel	France
44.	ORLANDINI Adelina Andrea	(In Pers.)	Instituto de Física de Rosario; Consejo Nacional de Investigaciones Científicas y Técnicas Universidad Nacional de Rosario: Facultad de Ciencias Exactas, Ingeniería y Agrimensura	Argentina
45.	PERVEZ Md Firoz	(In Pers.)	Bangladesh Atomic Energy Commission Atomic Energy Research Establishment Institute of Electronics	Bangladesh
46.	ROY Trisha	(In Pers.)	Aalto University, Department of Applied Physics. Supervisor: Tapio Ala-Nissila Research Group: Multiscale Statistical Physics	Finland
47.	RYU Sungguen	(In Pers.)	Institute for Cross-Disciplinary Physics and Complex Systems IFISC (UIB-CSIC)	Spain
48.	RZAYEVA Sevda	(In Pers.)	Azerbaijan State Oil and Industry University (ASOIU)	Azerbaijan
49.	SAHA Debarupa	(In Pers.)	Harish-Chandra Research Institute, Chhatnag Road, Jhansi, Prayagraj 211 019, India Homi Bhabha National Institute, Training School Complex, Anushakti Nagar, Mumbai 400 094, India Supervisor: Ujjwal Sen, Department: Physics (Quantum Information and Computation)	India
50.	SAHA Mrinmoyee	(In Pers.)	Aalto University Department of Applied Physics	Finland
51.	SLAOUI Abdallah	(In Pers.)	Mohammed V University in Rabat Department of Physics Laboratory of High Energy Physics, Modeling and Simulation	Morocco
52.	SU Yuguo	(In Pers.)	School of Science Zhejiang University of Science and Technology	China
53.	TAMURA Satoki	(In Pers.)	The University of Osaka, Graduate School of Science Department of Physics, Nanoscale Physics Group	Japan
54.	TIRANDARI Mehraneh	(In Pers.)	Khajeh Nasir Toosi University of Technology	Iran (Islamic Republic of)
55.	VERMA Disha	(In Pers.)	Department of Physics National Institute of Technology	India

56. YADAV Mahima	(In Pers.)	Interdisciplinary Research Department Indian Institute of Technology Jodhpur	India
57. ZHANG Hui	(In Pers.)	Department of Physics College of Science Shanghai University	China
58. ZIYATI Hafssa	(In Pers.)	Condensed Matter Physics Laboratory Department of Physics, Faculty of Science Ben M'sik, Hassan II University of Casablanca	Morocco