

2026 School on Electron-Phonon Physics and Many-body Perturbation Theory | (SMR 4221)

15 Jun 2026 - 21 Jun 2026
ICTP, Italy

7 Directors

1. GEBAUER Ralph	(In Pers.)	ICTP	Italy
2. GIUSTINO Feliciano	(In Pers.)	University of Oxford Department of Materials	United Kingdom of Great Britain and Northern Ireland
3. KIOUPAKIS Emmanouil	(In Pers.)	University of Michigan	United States of America
4. MARGINE Elena-Roxana	(In Pers.)	Binghamton University	United States of America
5. PONCÉ Samuel	(In Pers.)	Institute of Condensed Matter and Nanosciences Université catholique de Louvain	Belgium
6. SERIANI Nicola	(In Pers.)	ICTP	Italy
7. TIWARI Sabyasachi	(Online)	University of Texas	United States of America

18 Lecturers

1. CARRASCO ALVAREZ Alvaro Adrian	(In Pers.)	Modelling division (MODL) Institute of Condensed Matter and Nanosciences (IMCN) Catholic University of Louvain (UCLouvain)	Belgium
2. COULTER Jennifer Bogdan	(In Pers.)	Flatiron Institute Center for Computational Quantum Physics	United States of America
3. DAI Zhenbang	(In Pers.)	The Oden Institute for Computational Engineering & Sciences The University of Texas at Austin	United States of America
4. GIANNOZZI Paolo	(In Pers.)	University of Udine Dipartimento di Scienze Matematiche, Informatiche e Fisiche	Italy
5. GIANTOMASSI Matteo	(In Pers.)	Institute of Condensed Matter and Nanosciences SST/IMCN/MODL	Belgium
6. GIROTTO ERHARDT Nina	(In Pers.)	Catholic University of Louvain	Belgium
7. GONZE Xavier Jean P	(In Pers.)	Université Catholique de Louvain (UCLouvain) Institut of Condensed Matter and Nanoscience (IMCN)	Belgium
8. KIM Tae Yun	(In Pers.)	Oden Institute for Computational Engineering & Sciences The University of Texas Austin	United States of America
9. LAFUENTE BARTOLOME Jon	(In Pers.)	Department of Physics University of the Basque Country EHU	Spain
10. LIM Jaemo	(In Pers.)	Seoul National University	Republic of Korea
11. MARRAZZO Antimo	(In Pers.)	SISSA	Italy
12. MARZARI Nicola	(In Pers.)	Swiss Federal Institute of Technology Lausanne National Centre for Competence in Research MARVEL	Switzerland
13. MORI Hitoshi	(In Pers.)	Institute for Materials Research Tohoku University	Japan
14. PROTIK Nakib Haider	(In Pers.)	Humboldt University of Berlin	Germany
15. VAN WAAS Thomas Petrus	(In Pers.)	Université catholique de Louvain	Belgium
16. VERDI Carla	(In Pers.)	University of Queensland	Australia
17. WANG Amanda Xinyi	(In Pers.)	University of Michigan	United States of America
18. ZACHARIAS Marios	(In Pers.)	The Cyprus Institute	Cyprus

2 Tutors

1. CHEN Siyu	(In Pers.)	European Theoretical Spectroscopy Facility Institute of Condensed Matter and Nanosciences Université catholique de Louvain	Belgium
2. POLIUKHIN Aleksandr	(In Pers.)	École Polytechnique Fédérale de Lausanne	Switzerland

98 Participants

1. ADHIKARI Surajit	(In Pers.)	Indian Institute of Technology Bombay	India
2. AHAMMED Raihan	(In Pers.)	Condensed Matter and Materials Theory Physics Department Chalmers University of Technology	Sweden

3.	ALIYEV Emin	(In Pers.)	Max Planck Institute for the Structure and Dynamics of Matter Theory Department	Germany
4.	ALKORTA Lopetegi Manex	(In Pers.)	Materials Physics Center	Spain
5.	ALOUANI Dhalal	(In Pers.)	Department of Physics Faculty of Sciences Badji Mokhtar University	Algeria
6.	AMAHOUCHE Abdelhamid	(In Pers.)	Laboratory of High Energy Physics: Modeling and Simulation University Mohammed V Faculty of Sciences	Morocco
7.	ARGATOFF Nikolai	(In Pers.)	ETH Zurich Department of Mathematics California Institute of Technology	Switzerland
8.	BATESAR Sunil	(In Pers.)	Indian Institute of Technology Jodhpur	India
9.	BAU Nicolas	(In Pers.)	University of Trieste Department of Physics	Italy
10.	BEKADDOUR Abderrezak	(In Pers.)	Institute of Aeronautic and Space Studies	Algeria
11.	BOLINO Maria De Los Angeles	(In Pers.)	Département Physique, Instrumentation, Environnement, Espace ONERA Laboratoire d'Analyse et d'Architecture des Systèmes (LAAS-CNRS)	France
12.	BORGHI Andrea	(In Pers.)	Dipartimento di Fisica Facoltà di Scienze Matematiche, Fisiche e Naturali Sapienza Università di Roma	Italy
13.	BOUGHLIMA Loubna	(In Pers.)	LPHE-MS, Science Faculty Mohammed V University in Rabat	Morocco
14.	BOZICEVIC Vigor	(In Pers.)	Institute of Physics	Croatia
15.	BUNTING William Alexander	(In Pers.)	Oxford University Computational Condensed Matter Physics Group	United Kingdom of Great Britain an
16.	CABEZAS ESCARES Javiera Fernanda	(In Pers.)	Department of physics Faculty of Science University of Chile	Chile
17.	CHEN Xiaoxiao	(In Pers.)	Westlake University	China
18.	CHHABRA Harshdeep Singh	(In Pers.)	Department of Physics Indian Institute of Science Education and Research	India
19.	CHRAFIH Younes	(In Pers.)	Mohammed V University in Rabat Lphe-modeling and Simulation laboratory	Morocco
20.	CONTANT Damian Marcin	(In Pers.)	King's College London Faculty of Natural, Mathematical & Engineering Sciences Department of Physics	United Kingdom of Great Britain an
21.	DAHRI Soukaina	(In Pers.)	Science Faculty Mohammed V University in Rabat	Morocco
22.	DAS Suvadip	(In Pers.)	Department of Physics Birla Institute of Technology and Science Pilani	India
23.	DE SIMONE Andrea	(In Pers.)	"La Sapienza" University of Rome	Italy
24.	DOWLATABADI Mitra	(In Pers.)	University of Trieste	Italy
25.	ELAPROLU Narsimha Rao	(In Pers.)	University di Modena e Reggio Emilia Dipartimento di Scienze Fisiche, Informatiche e Matematiche	Italy
26.	FERNANDES MACHADO David	(In Pers.)	Institut Polytechnique de Paris Laboratoire des Solides Irradiés (LSI) Group : theory of material science	France
27.	FILIPOVIC Lenka	(In Pers.)	Center for Solid State Physics and New Materials Institute of Physics Belgrade University of Belgrade	Serbia
28.	GEORGAKOPOULOS TOLIS Ioannis	(In Pers.)	McGill University Faculty of Science Department of Physics	Canada
29.	GHIMIRE Raj Amar	(In Pers.)	University of North Texas	United States of America
30.	GOGOI Sanat Kumar	(In Pers.)	Digboi College	India
31.	HERBERT Paul Guy Maurice	(In Pers.)	École normale supérieure de Paris Saclay	France
32.	HIDALGO PARRA Andres Alexander	(In Pers.)	Université du Luxembourg Faculty of Science Technology and Medicine Doctoral School in Science and Engineering	Luxembourg
33.	IQBAL Safdar	(In Pers.)	Institute of Frontier and Interdisciplinary Science	China
34.	JAIN Mitisha	(In Pers.)	The Cyprus Institute	Cyprus
35.	JANA Susmita	(In Pers.)	Department of Physics Indian Institute of Technology, Madras	India
36.	JIN Jianyao	(In Pers.)	Technical University Delft Department of Imaging Physics Hagen Group	Netherlands (Kingdom of the)
37.	JYOTI	(In Pers.)	Department of Physics Indian Institute of Technology Kanpur	India

38.	KLUIBENSCHEDL Florian	(In Pers.)	Institute of Science and Technology Austria	Austria
39.	KNECHTGES Matthias	(In Pers.)	Fritz Haber Institute of the Max Planck Society Theory Department Theory of Heat and Charge Transport at Interfaces	Germany
40.	KREMEYER Laurenz	(In Pers.)	Department of Physics, McGill University, Group of Brad Siwick	Canada
41.	KUKRETI Sumit	(In Pers.)	School of engineering University of Warwick	United Kingdom of Great Britain an
42.	KUMAR Nilesh	(In Pers.)	Department of Physical and Organic Chemistry (Prof. Anton Kokalj Group) Jožef Stefan Institute	Slovenia
43.	KUMAR Rajan	(In Pers.)	Indian Institute of Technology (IIT) Bombay Department of Mechanical Engineering Materials Research Lab (MRL)	India
44.	KURBAY Alp Umut	(In Pers.)	University of Michigan-Ann Arbor Department of Materials Science & Engineering Kioupakis Group	United States of America
45.	KUSETIC Filip	(In Pers.)	ETH Zürich, Department of Electrical Engineering and Information Technology (D-ITET), Integrated Systems Institute (IIS), NanoTCAD group (prof. Luisier)	Switzerland
46.	LEE Jae Seong	(In Pers.)	Department of Physics Soongsil University Computational Materials Theory Laboratory	Republic of Korea
47.	LI Wuxuan	(In Pers.)	Westlake University School of Engineering Wenbin Li's Lab	China
48.	LISTA Stefano	(In Pers.)	University of Rome Tor Vergata Faculty of natural, physics, mathematical sciences Physics department	Italy
49.	LIU Binbin	(In Pers.)	THEOS and MARVEL École Polytechnique Fédérale de Lausanne	Switzerland
50.	LIVCHITS Alexander	(In Pers.)	The University of Texas at Dallas - Material Science and Engineering - William Vandenberghe lab	United States of America
51.	LOPEZ Jimena Teresa	(In Pers.)	Department of Physics Faculty of Sciences University of Chile	Chile
52.	MAHEPAL Nisha Kishorbhai	(In Pers.)	Parul Institute of Applied science	India
53.	MEYER Sabrina Anika	(In Pers.)	Technische Universitaet Berlin Institut fuer Physik und Astronomie Fachgruppe Theoretische Physik	Germany
54.	MISHRA Abhijeet	(In Pers.)	Harish-Chandra Research Institute (HRI) Condensed Matter Group Department of Physics	India
55.	MO Yunhao	(In Pers.)	Department of Physics Faculty of Natural, Mathematical & Engineering Sciences King's College London	United Kingdom of Great Britain an
56.	MORCOS Esteban	(In Pers.)	University of Rome Tor Vergata	Italy
57.	NAEEM Syed Muhammad Hammad	(In Pers.)	The University of Sydney	Australia
58.	NEDELL Jack Gillelan	(In Pers.)	Cornell University, Department of Applied and Engineering Physics, Fennie group	United States of America
59.	NOVOA AGUIRRE Trinidad Antonia	(In Pers.)	Department of Applied Physics University of the Basque Country and Materials Physics Center (CFM/MPC)	Spain
60.	ÖNEM Murat	(In Pers.)	North Carolina State University, Department of Physics and Astronomy, Gundogdu Group	United States of America
61.	PAKDEL Sahar	(In Pers.)	University of Luxembourg	Luxembourg
62.	PAL Koushik	(In Pers.)	Indian Institute of Technology Kanpur	India
63.	PAPPAS Panagiotis	(In Pers.)	CEA Spintec	France
64.	PATEL Paras Rajeshkumar	(In Pers.)	The Maharaja Sayajirao University of Baroda Department of Physics	India
65.	PATEL Shubham	(In Pers.)	Department of Physics Indian Institute of Technology	India
66.	PAUL Dwaipayan	(In Pers.)	Humboldt-Universität zu Berlin	Germany
67.	PILLAI Ashwin Anil	(In Pers.)	TSN, CNRS-CINaM, Aix Marseille Université	France
68.	PRAMANICK Subhajit	(In Pers.)	Indian Institute of Technology Kharagpur	India
69.	RAJKOV Bogdan	(In Pers.)	Cavendish Laboratory University of Cambridge	United Kingdom of Great Britain an
70.	RANI Dimple	(In Pers.)	DFT-QSG lab of Prasanjit Samal in National institute of science education and research(NISER)	India
71.	REHO Riccardo	(In Pers.)	University of Luxembourg	Luxembourg
72.	REZAEI GIVI Mojde	(In Pers.)	Norwegian University of Science and Technology	Norway
73.	RUDRA Sourav	(In Pers.)	Jawaharlal Neheru Centre for Advanced Scientific Research	India

74. SADMAN Sarker Md	(In Pers.)	Department of Physics Graduate College of Arts and Science Case Western Reserve University	United States of America
75. SAHNI Bhawna	(In Pers.)	University of Warwick	United Kingdom of Great Britain an
76. SATHEESAN Meghna	(In Pers.)	Indian Institute of Science Education and Research, Pune Faculty : Prof. Prasenjit Ghosh Department of Physics	India
77. SCALISE MACIEL Levy	(In Pers.)	Energy and Nuclear Research Institute - Research Reactor Center	Brazil
78. SEMWAL Shantanu	(In Pers.)	Indian Institute of Technology Kanpur	India
79. SEUNG Woojung	(In Pers.)	Korea Advanced Institute of Science and Technology Department of Chemistry M-Design Lab	Republic of Korea
80. SHABNAM Sabana	(In Pers.)	-	India
81. SHARMA Abhiraj	(In Pers.)	Indian Institute of Technology Roorkee	India
82. SIDDHARTH	(In Pers.)	Indian Institute of Technology School of Materials Sciences and Mechanical Engineering MSL lab	India
83. SINGH Zimmi	(In Pers.)	Indian Institute of Technology Kharagpur	India
84. SINHA Priyanka	(In Pers.)	Department of Condensed Matter Theory Institute of Physics of the CAS (FZU)	Czechia
85. SOUROUNIS Konstantinos	(In Pers.)	University of Uppsala	Sweden
86. TAPER Sunil Tynan Chico	(In Pers.)	Faculty of Natural, Mathematical & Engineering Sciences Department of Physics Kings College London	United Kingdom of Great Britain an
87. TEN EIKELDER Henricus Robertus Alphonsus	(In Pers.)	Linköping University	Sweden
88. TINTE MONTALBETTI Silvia Noemi	(In Pers.)	Instituto de Fisica del Litoral, CONICET Universidad Nacional del Litoral	Argentina
89. TRUKHAN Elena	(In Pers.)	Humboldt-Universität zu Berlin Institut für Physik und CSMB	Germany
90. URQUIZA TOLEDO Maria Laura	(In Pers.)	Dipartimento di Fisica "Aldo Pontremoli" Università degli Studi di Milano	Italy
91. VEDANT Aaditya	(In Pers.)	Institute of Mineralogy, Physics of Materials, and Cosmochemistry Sorbonne University	France
92. VENTURA Dario	(In Pers.)	Max Planck Institute of Quantum Optics Attosecond physics division	Germany
93. VOLPATO Beatrice	(In Pers.)	University of Trieste Physics Department	Italy
94. WANG Kang	(In Pers.)	University of Oxford Department of Physics	United Kingdom of Great Britain an
95. WANG Yingqi	(In Pers.)	Peking University College of Chemistry and Molecular Engineering Molecular Modelling Group	China
96. WINKA Nils Anders Hans	(In Pers.)	ETH Zurich Dept. of Information Technology and Electrical Engineering Integrated Systems Laboratory	Switzerland
97. XU Zhongfei	(In Pers.)	School of Environmental Science and Engineering North China Electric Power University	China
98. ZERAATI Majid	(In Pers.)	Skolkovo Institute of Science and Technology	Russian Federation