



Advanced School on Ubiquitous Quantum Physics: the New Quantum Revolution

18/02/2019 - 22/02/2019 Trieste, Italy

PARTICIPANTS: 105

DIRECTORS		* * *
Bassi Angelo	INFN, University of Trieste	Italy
Benatti Fabio	INFN, University of Trieste	Italy
Dalmonte Marcello	International Centre for Theoretical Physics	Italy
	Trieste	
Floreanini Roberto	INFN, University of Trieste	Italy
Karimipour Vahid	Sharif University of Technology Department of Physics	Islamic Republic of Iran
LECTURERS		
Chruscinski Dariusz	Nicolaus Copernicus University, Institute of Physics, Division of Mathematical	Poland
	Physics	
Dufour Gabriel	University of Freiburg, Department of Physics	Germany ,
Kosloff Ronnie Ball	the Hebrew University of Jerusalem, Dept. of Physical Chemistry	Israel
Mintert Florian	Imperial College, London	United Kingdom
Pascazio Saverio	Universita' degli Studi di Bari Dipartimento di Fisica	Italy

United Kingdom Queen's University Belfast, School of Paternostro Mauro Mathematics and Physics, Centre for Theoretical Atomic, Molecular and Optical Physics Institute of Theoretical Physics, ETH Switzerland Renes Joseph Merrill Zürich Institute of Theoretical Physics, Germany Thorwart Michael University of Hamburg Canada Rotman School of Management, Wittek Peter University of Toronto **PARTICIPANTS** Faculty of Sciences of Rabat, Department Morocco Abaach Sanaa of Physics, Theoretical Physics Laboratory United Kingdom Abah Obinna Cosmas Centre for Theoretical Atomic, Molecular, and Optical Physics, School of Mathematics and Physics, Queen's University Belfast India Indian Institute of Technology Delhi, Adhikary Soumik Department of Physics Morocco University Mohammed V Rabat, Ait Mansour Hicham Sciences Faculty, Physics Department, ESMAR team University of Kurdistan, Science Faculty, Islamic Republic of Iran Alemipour Zahra Department of Physics SISSA, International School for Italy Arceci Luca Advanced Studies, Condensed Matter Theory Islamic Republic of Iran Azad University of Tehran, Northern Asoudeh Marzieh Branch, Department of Physics Italy Universita' di Trieste Asprea Lorenzo Thailand Photonics Technology Research Team Aungskunsiri Kanin (PHT), National Electronics and Computer Technology Center (NECTEC), National Science and Technology Development Agency (NSTDA) Islamic Republic of Iran Sharif University of Technology, Beheshti Seyedali

Department of Physics

Belenchia Alessio	Queen's University Belfast	United Kingdom
Bibak Fatemeh	Sharif University of Technology	Islamic Republic of Iran
Biswas Tanmoy	National Quantum Information Center University of Gdansk	Poland
Bouhafs Bachir	Modelling and Simulation in Materials Science Laboratory, Department of Physics, Faculty of Exact Sciences, University of Sidi Bel-Abbes	Algeria
Caleffi Fabio	SISSA International School for Advanced Studies, Group of Theory and Simulation of Condensed Matter	Italy
Carlesso Matteo	University of Trieste, Department of Physics	Italy
Castellini Alessia	Universita di Palermo, Dipartimento di Fisica e Chimica	Italy
Chistyakov Yaroslav	Usikov Institute of Radiophysics and Electronics of the National Academy of Sciences of Ukraine.	Ukraine
Coates Alexandre	Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University	United Kingdom
Colafranceschi Eugenia	University of Nottingham, School of Mathematical Sciences	United Kingdom
Didukh Nadiia	Theoretical Physics Department, Taras Shevchenko National University of Kyiv	Ukraine
Dwiputra Donny	Institut Teknologi Bandung	Indonesia
El Allati Abderrahim	University Mohammed I, Al Hoceima	Morocco
El Anouz Khadija El Anouz	Faculty of Sciences and Techniques, Al Hoceima, Department of Physics, Laboratory LRDSI	Morocco
El Ayachi Fadwa	University Mohammed V Rabat, Sciences Faculty, Physics Department	Morocco
Elbir Oumayma	Faculty of Science Rabat, Department of Physics, Laboratory of Theoretical Physics	Morocco
Eshaqi Sani Najmeh	Ferdowsi University of Mashhad	Islamic Republic of Iran

		To 1
Gaona Reyes Jose Luis	Dipartamento di Fisica, Universita' degli Studi di Trieste	Italy
Garbe Louis Marie Francois	Laboratoire Materiaux et Phenomenes Quantiques (MPQ), Paris Diderot University	France
Gebbia Francesca	Department of Physics, University of Trieste	Italy
Ghadimi Milad	Isfahan University of Technology	Islamic Republic of Iran
Gherardini Stefano	Department of Physics and Astronomy, LENS and QSTAR, University of Florence	Italy
Gramajo Ana Laura	Centro Atomico Bariloche, Instituto Balseiro, Condensed Matter Theory Group	Argentina
Haile Beyene Bashu	Wachemo University, Faculty of Natural and Computational Sciences, Department of Physics	Ethiopia
Hajji Hasnaa	Faculty of Science, Mohammed V University of Rabat, Department Physics, Equipe de Science de la Matiere et du Rayonnement (ESMAR), Lab. Physics Theory	Morocco
Hassani Majid	Sharif University of Technology, Department of Physics, Tehran	Islamic Republic of Iran
Hussien Ahmed Salah Areaf	Mathematics and Theoretical Physics Department, Nuclear Research Center (NRC), Atomic Energy Authority (AEA)	Egypt
Jones Caitlin Isobel	Department of Physics, University of Trieste	Italy
Kazmi Syeda Sabahat Mazhar	COMSATS Institute of Information Technology, Islamabad	Pakistan
Khasseh Reyhaneh	Institute for Advanced Studies in Basic Sciences, Zanjan	Islamic Republic of Iran
Khouja Youssef	Universite Abdelmalek Essaadi, Faculte des Sciences et Techniques, Departement de Physique	Morocco
Koudia Seid	Abderrahman Mira University- Bejaia, Faculty of Exact Sciences, Laboratory of Theoretical Physics, Research group: Gravitation and Quantum Information	Algeria
	•	4 · 4

Kucska Nora Petra	Department of Theoretical Physics, University of Debrecen	Hungary
Lai Longquan	School of Physics and Electronics, Hunan University	People's Republic of China
Lukin Kostyantyn Alexandrovich	National Academy of Sciences of Ukraine, Usikov Institute for Radiophysics and Electronics, Laboratory of Nonlinear Dynamics of Electronic Systems	Ukraine
Luna Javier Santiago	Facultad de Matematica Astronomia Fisica y Computacion, Universidad Nacional de Cordoba	Argentina
Mahomed Abbas Amira	School of Chemistry and Physics - Quantum Research Group University of KwaZulu-Natal	South Africa
Marcantoni Stefano	University of Trieste, Department of Physics	Italy
Marchese Marta Maria	Queen's University Belfast, School of Maths and Physics	United Kingdom
Marzolino Ugo	Ruder Boskovic Institute, Division of Theoretical Physics	Croatia
Masse Gael Auguste, Charles	Universite Paris Diderot, Laboratoire Materiaux et Phenomenes Quantiques, Quantum Information and Technologies (QITE) Group	France
Mcaleese Hannah Louise	Centre for Theoretical Atomic, Molecular and Optical Physics (CTAMOP), School of Mathematics and Physics, Queen's University Belfast	United Kingdom
Messlmani Nour	American University of Beirut	Lebanon
Milajiguli Milajiguli	School of Advanced Study, University of Camerino	Italy
Milazzo Nadia	Laboratoire de Physique Theorique et Modeles Statistiques, Universite Paris Sud	France
Moharramipour Amin	Sharif University of Technology, Tehran	Islamic Republic of Iran
Moradi Morteza	Sharif University of Technology, Tehran	Islamic Republic of Iran
Moroder Mattia	Universita' degli Studi di Trieste, Dipartimento di Fisica Teorica	Italy

•		
Mzaouali Zakaria	Equipe Sciences de la Matiere et du Rayonnement (ESMaR), Physics Department, Faculty of Sciences, Mohammed V University	Morocco
Odufowora Ayooluwa Olakunle	The Open University, School of Physical Sciences, Milton Keynes	United Kingdom
Oliveira Junior Alexssandre De	Universidade Estadual de Campinas, Instituto de Fisica "Gleb Wataghin", Departamento de Fisica da Materia Condensada	Brazil
Pandit Mahasweta	Faculty of Mathematics, Physics and Informatics, Institute of Theoretical Physics and Astrophysics, University of Gdansk	Poland
Passos Marcello Henrique Marques	University Federal Fluminense, Volta Redonda	Brazil
Phehlukwayo Samkelisiwe	University of KwaZulu-Natal, Durban	South Africa
Pichierri Fabio	Department of Applied Chemistry, School of Engineering, Tohoku University	Japan
Preisser Beltran Guillermo Javier	National Autonomous University of Mexico, Institute of Physics Quantum Optics and Quantum Information Group	Mexico
Rakhmanov Saparboy Zaripovich	Faculty of Physics, National University of Uzbekistan, Tashkent	Uzbekistan
Reddy Anesan	The University of KwaZulu-Natal, Durban	South Africa
Rodriguez Esteban	Facultad de Ciencias Fisicas y Matematicas, Departamento de Fisica, Universidad de Chile, Santiago	Chile
Russomanno Angelo	Scuola Normale Superiore, Pisa	Italy
Sabbaghi Nadooshan Mohammad Mahdi	Sharif University of Technology, Tehran	Islamic Republic of Iran
Sadri Koorosh	Sharif University of Technology, Tehran	Islamic Republic of Iran
Salehi Kadijani Mohammad	Sharif University of Technology, Tehran	Islamic Republic of Iran
Salimi Shahryar	Department of Physics, University of Kurdistan	Islamic Republic of Iran
Santamaria Nicola	University of Trieste, Department of Physics	Italy

Schneider Grun Daniel	Physics Department - Physics Institute, UFRGS, Porto Alegre	Brazil
Shahbeigi Fereshte	Ferdowsi University of Mashhad, Faculty of Science, Physics Department	Islamic Republic of Iran
Singh Shivani	The Institute of Mathematical Sciences, Chennai	India
Slaoui Abdallah	Faculty of Sciences. University Mohammed V. Rabat. Department of Physics, Laboratory Of High Energy Physics, Modeling and Simulation	Morocco
Sorouri-khorashad Arash	University of Kurdistan, Science Faculty, Department of Physics	Islamic Republic of Iran
Thapliyal Kishore	RCPTM, Joint Laboratory of Optics of Palacky University and Institute of Physics of Academy of Science of the Czech Republic,Faculty of Science, Palacky University	Czech Republic
Thengil Kiran	Central University of Tamil Nadu, Thiruvarur	India
Tosi Lidia	Aurisina Centro 168A 34011 Aurisina	Italy
Ulbricht Ronald	Nanyang Technological University, Siingapore	Singapore
Veliz Osorio Alvaro Roberto	Mandelstam Institute for Theoretical Physics, University of the Witwatersrand, Johannesburg	South Africa
Veszeli Mate Tibor	Eötvös Lorand University, Institute of Physics Department of Physics of Complex Systems, Budapest	Hungary
Zakavati Gharagozlou Shadab	Department of Physics, Faculty of Science, University of Kurdistan	Islamic Republic of Iran
Zaoui Yamina	Faculty of Sciences, Physics Department, University of Sidi Bel Abbes, Modeling and Simulation in Materials Sciences Laboratory	Algeria
Ziane Mustapha	Mohammed V University, Faculty of science, Department of Physics, Theoretical Physics Laboratory, Quantum Information Theory Team	Morocco
Zicari Giorgio	Queen's University Belfast	United Kingdom

Zungu Ayanda Romanis

School of Chemistry and Physics University of KwaZulu-Natal, Durban

South Africa