



Institut für Quantenoptik und Quanteninformation
Österreichische Akademie der Wissenschaften

Otto Hittmair-Platz 1 / Technikerstraße 21a
6020 Innsbruck, Austria, Europe
Tel +43 512 507 4701
Fax +43 512 507 9815
iqoqi-ibk@oeaw.ac.at
www.iqoqi.at

Geschäftsführender Direktor
Univ.Prof. Dr. Rainer Blatt
rainer.blatt@oeaw.ac.at

International Award for Oriol Romero-Isart

Oriol Romero-Isart, University of Innsbruck, is awarded the QIPC Young Investigator Award 2015 for his seminal contributions to many interdisciplinary topics in quantum physics, this week in Leeds, Great Britain. This international award, valued at Euro 4,000, goes to successful junior scientists and is awarded every two years.

Oriol Romero-Isart's research group studies topics in the fields of theoretical quantum physics, and, in particular, focuses on quantum information processing, quantum simulation, and the foundations of quantum mechanics. In close collaboration with experimental groups the researchers work on proposing cutting-edge experiments and developing the underlying theory. Currently, the group is interested in harnessing quantum systems with superconductivity and magnetism to access an unprecedented parameter regime in the fields of quantum nano- and micro-mechanical oscillators, quantum simulation with ultracold atoms, and solid-state quantum information processing. ERC awardee Romero-Isart is now recognized with the QIPC Young Investigator Award 2015 for this outstanding research work. The prize is given by the QUTE-EUROPE project and valued at Euro 4,000. It is awarded every two years to researchers less than 35 years old. The award ceremony will take place during the Quantum Information Processing and Communication Conference (QIPC 2015, 13 – 18 September) in Leeds, Great Britain. With this award, the international award committee recognizes Romero-Isart's seminal contributions to many interdisciplinary topics in quantum physics, which range from degenerate quantum gases to quantum nanooptics and opto-nanomechanics, and have opened new doors both for theory and for experiments.

About Oriol Romero-Isart

Oriol Romero-Isart is Professor of Theoretical Physics at the University of Innsbruck and Junior Director at the Institute for Quantum Optics and Quantum Information of the Austrian Academy of Sciences in Innsbruck. He was born in 1981 in Terrassa near Barcelona and majored in physics at the Universitat Autònoma de Barcelona. After finishing his PhD in 2008 he received a postdoctoral fellowship from the

Alexander von Humboldt Foundation and started working at Ignacio Cirac's department at the Max-Planck Institute for Quantum Optics in Garching near Munich. In 2013 he was recruited to work in Innsbruck, where he is currently establishing his own research group. Oriol Romero-Isart has received several awards; among others he received an ERC Starting Grant, the most highly endowed and recognized award for junior researchers in Europe.

More information about the conference: <http://www.qipc2015.leeds.ac.uk/>

Photo: <http://iqoqi.at/de/das-iqoqi/medien-presse>

Contact:

Oriol Romero-Isart

Institute for Quantum Optics and Quantum Information

Austrian Academy of Sciences

Phone: +43 512 507 4730

Email: oriol.romero-isart@uibk.ac.at

Web: <http://iqoqi.at/en/group-page-romero-isart>

Christian Flatz

Public Relations

Phone: +43 676 872532022

Email: pr-iqoqi@oeaw.ac.at