

# Collaboration Agreements

As a natural consequence of research collaborations already in place at DIPC, this year two formal agreements were signed with international centers in materials science.



Pedro Miguel Echenique and Juan Ignacio Cirac at the signing of the collaboration between the two institutions on January 16th at DIPC.

## DIPC and the Max Planck Institute of Quantum Optics

January 16, 2015

The agreement signed between DIPC and the Max Planck Institute of Quantum Optics (MPQ) ratifies an already existing collaboration between the two centers. Its aim is to create new channels of exploration and deepen a continuing relationship. The recruitment and exchange of researchers between the centers is essential to inspire shared projects. The two centers will host scientific activities to further this exchange of knowledge. The agreement also seeks to develop innovative collaborations that combine lines of research in which DIPC and the MPQ are already leaders; condensed matter physics and quantum computing.

*"The agreement is going to provide us with the necessary framework to put the existing collaboration on a firm footing and embark on new projects. At the MPQ we are convinced about the success of this cooperation."*

**Juan Ignacio Cirac**  
Director of MPQ

*"Scientific collaborations are developed by persons, not institutions. These agreements have been signed not before but after actual collaboration. They emerge with content because researchers are already collaborating. The institutions add visibility by establishing a stable, long-term framework."*

**Pedro Miguel Echenique**  
President of DIPC

## DIPC and the International Center for Materials Nanoarchitectonics (MANA)

August 27, 2015

MANA is a leading Japanese experimental research institute in nanotechnology that promotes the creation of a worldwide network of prestigious foreign partners as a way of achieving excellence. MANA is one of nine research centers sponsored by Japan's government as part of an ambitious program to support cutting-edge research based on internationalization, interdisciplinary domains and the excellence of the team of researchers. Thanks to the agreement DIPC joins this international nanoscience research network.

The purpose is to establish channels for cooperation and strengthen relations between the researchers of the two centers in order to develop joint innovative research projects in the field of materials science. The signature ceremony took place within the framework of the first Workshop MANA-DIPC (see page 123).



Pedro Miguel Echenique and Masakazu Aono at the signing of the collaboration between the two institutions on August 27th at DIPC.

*"Our vision is to create a better future for humanity by opening up a new paradigm of nanotechnology through supporting the development of new materials. In order to achieve that, it is essential to have top-level international collaborators with shared interests, like DIPC."*

**Masakazu Aono**  
General Director of MANA