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# Tomorrow's Quantum Physicists

Young researchers from all over  
the world to meet in Innsbruck

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**Tomorrow's quantum physics stars are meeting in Innsbruck shortly to exchange ideas and forge new contacts. Independently of teachers and experienced scientists, the young researchers have organized their own conferences and will be presenting their findings in a relaxed atmosphere.**

The fifth informal quantum information gathering (IQING) is taking place this week. Around 90 new blood scientists from more than 15 countries are meeting in Innsbruck to discuss their research in the promising area of quantum information. The topics covered range from quantum communication to theories of entanglement to possibilities of realizing such theories in experiments. The post-docs, doctoral and master students have come to Innsbruck from various European countries and even from Israel and Canada. Previous gatherings took place in Paris, Munich, and London. "Innsbruck enjoys an excellent reputation throughout the world as an innovative research site for quantum physics, which is why colleagues like to come here," explained Jan Benhelm, who organized the conference together with his colleagues Michael Bremner, Andreas Griesner, Otfried Gühne, Caterina Mora, and Peter Rabl. Their efforts had the support of the University of Innsbruck, the Institute for Quantum Optics and Quantum Information of the Austrian Academy of Sciences and the European Union.

## **"Greenhorn meeting"**

Previously, in the week before Easter, around 30 German-speaking young researchers from France, Switzerland, Germany and Austria, had got together in Innsbruck. In the relaxed atmosphere of the Greenhorn Meeting 2007 they trained their conference skills. This meeting too is organized each year by the master and doctoral students themselves and is open only to them. Various working groups give short presentations on their research projects, which this year ranged from molecular Bose-Einstein condensation to new single-photon sources based on special diamond structures. The Greenhorn Meeting 2007 was organized by Innsbruck rookie physicists Philipp Schindler, Gerhard Kirchmair and Thomas Monz with support from the University of Innsbruck and the Institute for Experimental Physics.



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You can find pictures on: <http://www.iqoqi.at/media/download/>

Further information:

IQING5: <http://iqoqi003.uibk.ac.at/users/x22440/IQING5>

Greenhorn Meeting: <http://www.greenhorn-meeting.de/>

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