



**KTH Microelectronics
and Information Technology**

Postdoctoral Fellowship

Quantum Optics

The Quantum Electronics and Quantum Optics group at KTH www.quantum.se pursue theoretical and experimental research on fundamental aspects of quantum mechanics, practical quantum communication systems, and quantum optoelectronics, notably photonic crystals. We actively participate in international as well as national projects. Within a project funded by STINT (The Swedish Foundation for International Cooperation in Research and Higher Education), with the aim of strengthening the ties between Swedish, Mexican, and Spanish research, we have a one-year Post-Doctoral position available. The Post Doc is expected to engage in theoretical work in quantum optics. Due to the particular provisions of the research contract, the applicant must be of Mexican or Spanish nationality. The successful candidate should have a strong background in theoretical quantum optics.

The position can be started from December 1, 2004.

KTH is an equal opportunity employer and we welcome both female and male applicants to the research position.

For further information, please contact:

Professor Gunnar Björk, email: gunnarb@imit.kth.se .

The application with a CV and a letter of recommendation should be sent to KTH before November 30 2004 to

Department of Microelectronics and Information Technology

Att: Mrs. Lena Svensson

Royal Institute of Technology-KTH

Electrum 229, 164 40 Kista, Sweden

Please refer to position nr. 220-2004-0375