



KTH Mikroelektronik
och informationsteknik

Postdoctoral position on Modeling, analysis and design of integrated photonic crystal devices

The Department of Microelectronics and Information Technology (IMIT) at the Royal Institute of Technology (KTH), in Stockholm, Sweden announces a postdoctoral position in the field of modelling, analysis and design of photonic crystal devices for integrated optics.

The fellowship is intended for one year with a potential for prolongation to a second year. Post-doctoral candidates are expected to have completed their Ph.D. degree within the last 5 years (or show the proof that they will complete before June 2004), in electrical engineering or physics. The applicants are expected to have: in-depth knowledge of electromagnetic wave theory; experience in analysis and design of integrated photonic crystal devices; and strong background on related subjects.

The application should contain (1) Curriculum Vitae, (2) a short letter highlighting recent relevant research experience, (3) a list of publications, (4) at least one letter of recommendation (sealed), (5) details of reference persons and other materials that the applicant wishes to enclose.

The starting date of the position should be not later than July 1, 2004. The salary is given in the form of a tax-free stipend of about 16,000 SEK/month (18,000 SEK/month if the applicant has done postdoctoral research before).

Queries and preliminary expressions of interest in the position can be sent by email to Assistant Professor Min Qiu, min@imit.kth.se. About half of our graduate students are female. Female applicants are welcome.

Application must be marked with Ref. No. 220-2004-0009 should be sent in hardcopy to Lena Svensson, IMIT, Royal Institute of Technology (KTH), Electrum 229, 16440 Kista, Sweden. Application deadline is the 1th of March, 2004.
