

The Nonlinear Optics Group within the Institute of Physics at the Tampere University of Technology, Finland, has an open position for a PhD student or a Post Doctoral fellow (preferred). The research of our group is focused on the nonlinear properties and phenomena in novel structures at the sub-wavelength scale. If the position is Post Doctoral it can be filled up to 3 years with maybe possibility of further extension. The successful applicant will participate in the development of broadband UV and Mid-IR sources, and novel pulse compression schemes. Also, extreme nonlinear phenomena of few-cycle pulses may be included in the course of the research.

Requirements:

Students with their MSc (for PhD applicant) and/or PhD degree (for Post Doc applicant) in nonlinear optics are highly preferred. Experience with optical waveguide/fiber would be highly appreciated and applicants familiar with the propagation of ultra-short pulses in nonlinear media will have an advantage. Good communication skills and fluent spoken and written English are also required.

The salary will be commensurate with experience and personal performance in accordance with the Finnish universities salary system. The project will involve collaboration with international partners.

Applications (cover letter + CV + list of publications) or inquiries should be sent as soon as possible via e-mail to: goery.genty@tut.fi

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