



Laser Scientist (January 2020)

Job description:

Aktiwave (www.aktiwave.com) has an exciting opportunity for a Laser Scientist to work in Rochester, NY on the fabrication, characterization, and operation of waveguide-based lasers and nonlinear frequency converters. Expertise or good practical knowledge in solid-state lasers, nonlinear frequency conversion, in particular in periodically poled materials, waveguide-structures characterization and alignment, is expected. The ability to develop models and perform simulations using commercial tools and software packages such as Matlab, and develop automated processing or data acquisition using Labview is desired. Knowledge of mid-infrared instrumentation and ultrafast (femtosecond) technology/concepts is a plus. The Laser Scientist will be involved with writing future funding proposals, interacting with academic and commercial partners, and eventually leading independent R&D work, and must therefore have excellent communication skills, ability to work in a team environment, and management skills.

Qualifications and experience:

- Master's degree or PhD in Physics, Optics, Photonics, or Electrical Engineering
- At least a few years experience working in one or several of the technical fields listed in the job description

Qualified applicants should email their resume, as a PDF file, to info@aktiwave.com, with subject 'Laser Scientist position'. The company will review applications on an on-going basis until the position is filled.