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Master or Internship Mid-Infrared Laser R&D

Camlin Technologies Switzerland, part of the Camlin group of companies, develops, produces and implements novel laser modules for the precise and fast measurement of gas concentrations. The applications include the analysis of combustion emissions and the security during production and refinement of natural gas. The company was founded in 2011 as spin-out of ETH Zurich, the Swiss Federal Institute of Technology.

The Camlin Group, based in Northern Ireland, is an international company with a range of separate businesses in the engineering and scientific market sectors. Camlin’s engineering expertise extends into varied areas such as partial discharge monitoring, infrared and laser based sensing, smart grid and network management technologies and comprehensive fault location among many others. The group works closely with the power and sensors industries across the globe to develop the next generation of products and systems to meet the specific needs of each of its customers.

Camlin Technologies Switzerland is looking for an

Intern or Master student for Mid-Infrared Laser R&D (m/f)

with an education in physics, electrical engineering, or a related field.

You will be responsible for an independent project, which will be selected according to your educational background:

• Perform experimental research on a project basis targeting improved laser device performance, for example the
  ◦ Development of an innovative process step
  ◦ Realization of a new product feature
  ◦ Implementation of a laser for a specific application
• Characterize lasers and light emitters in a laboratory setup
• Evaluate experimental results in regards to theoretical predictions

You are

• A student in search for an industrial internship or for a master thesis in an entrepreneurial atmosphere for the duration of at least 6 months
• Skillful in either English or German
• Highly motivated, able to learn fast, and have the ability to actively engage in a small team and become involved with own solutions.

In return, you can expect to work in a highly motivated and interdisciplinary team and get insight into the target-oriented work in an industrial R&D context. The place of work is the living city of Zurich, Switzerland.

Interested?
Please send your application to CTCH@camlintechnologies.com. We look forward to meeting you in person and further discuss this anything but ordinary opportunity.