

Research positions in biofilm ecology

The „Stream Biofilm and Ecosystem Research Laboratory“ at the Swiss Federal Institute of Technology Lausanne (www.epfl.ch) is currently seeking a PhD student and a postdoctoral research fellow to study fundamental questions related to the morphogenesis of microbial biofilms. The selected candidates will join a multidisciplinary team that is working on various aspects of microbial biofilms in streams and their involvement in ecosystem processes. You may contact Prof. Tom J. Battin (tom.battin@epfl.ch) for further information.

Applicants must have an MSc or PhD degree in microbiology, ecology or environmental sciences or engineering. The candidate for the PhD position should have dedicated skills in molecular biology, microscopy and imaging. The candidate for the postdoctoral position should have strong skills in mathematical modelling, fluid dynamics, imaging or environmental biotechnology. Both individuals are expected to apply ecological theory to biofilm research. Experience designing and conducting complex experiments in microbial ecology is an asset. Candidates must have excellent communication skills and ability to work in a team, and fluency in both written and spoken English.

The position for the PhD student is available for three years with the possibility of renewal for one year. The position for the postdoctoral research fellow is available for two years with the possibility of renewal conditional on performance and funding. These are full time appointments.

To apply, please send a single pdf attachment, containing a brief cover letter explaining your background and career interests, your CV (including publications), and names and contact information for three references to Tania Gonin (tania.gonin@epfl.ch). We will start reviewing applications from 15 May on until the position is filled.