



UNIVERSITÉ DE FRIBOURG  
UNIVERSITÄT FREIBURG

### **PhD positions in Physical Chemistry/Material Science/Nanoscience**

To complete the research team of Prof. Marco Lattuada at the Chemistry Department, University of Fribourg, we look for at least two highly motivated PhD candidates for 4 years positions, starting as soon as convenient.

The candidates will work on cutting-edge experimental research projects targeting the preparation and characterization of novel functional materials obtained by means of nanoparticles self-assembly. The work will include the synthesis and characterization of all components and the investigating their self-assembly behavior, with focus on tuning their organization by controlling their interactions. The use of several characterization methods (including electron microscopy, and scattering techniques) will be an essential part of the work.

The ideal candidate has preferably a Master degree in chemical engineering, chemistry or material science or a related field. Excellent laboratory working skills are required, and previous experience in the synthesis of inorganic and/or polymeric nanoparticles is preferred, as well as competence in characterization and analytical methods. High enthusiasm, creativity, team work and a goal-oriented approach are required, as well as excellent communication skills, with fluency in English both written and spoken. Fluency in German and/or French is a very welcome plus. The candidate will work in highly interdisciplinary and international group, with excellent research facilities and attractive employment conditions.

Applications should be sent electronically to:

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