

Applications are invited for

one Postdoc position

starting in March 2022 or as soon as possible thereafter. Later starting dates are also possible upon agreement. The appointment is for **three years**.

The successful candidate will join the Research Group [Multiscale Calculus of Variations](#) led by [Elisa Davoli](#) at the [Institute of Analysis and Scientific Computing](#) of TU Wien in Vienna, Austria, in the framework of the [FWF START grant](#) ‘Tunable materials: geometry, nonlocality, chirality’. The focus of the project is at the triple point between calculus of variations, partial differential equations, and applied mathematics, with problems spanning from homogenization, rigidity estimates, phase transitions, nonlocal evolution equations, nonlinear PDEs, as well as micromagnetics and magnetoelasticity.

Ideal candidates would have a strong background in calculus of variations, geometric measure theory, nonlinear evolution equations, or in applied analysis. The annual gross salaries for the Postdoc position is approximately 55.000 EUR.

Applicants for the Postdoc position must have (or be close to obtaining) a PhD in Mathematics or Physics. Postdoc candidates are requested to provide a detailed CV and a short description of research interests (max 4 pages), together with names and full contact addresses of three references.

Applications should be sent **as a single PDF-file** to elisa.davoli@tuwien.ac.at. Informal enquiries are to be sent to the same email address. The application deadline is **October 29th, 2021**. Among equally qualified applicants, women will receive preferential consideration.

Research group on Multiscale Calculus of Variations

Institute of Analysis and Scientific Computing

TU Wien, Vienna (Austria)

asc.tuwien.ac.at/~multiscale/