



Synthetic protein motors: PhD student in modelling and theory Postdoc in single-molecule experiments

THE LINKE GROUP AT LUND UNIVERSITY is part of the ERC-Synergy project ArtMotor that seeks to create the world's first artificial protein motors, using modeling, protein design and engineering, molecular biology, and single-molecule experiments. The research takes place in close collaboration with the groups of Birte Höcker in Bayreuth (Germany) and Paul Curmi in Sydney (Australia).

WE ARE NOW SEEKING APPLICATIONS for a **postdoctoral researcher** with experience in single-molecule experiments based on fluorescence microscopy (co-advised by Peter Jönsson, Lund), as well as a **PhD student** interested in modeling, programming and the biophysics of molecular motors (co-advised by Ralf Eichhorn, Nordita).

As part of the ArtMotor team, you will work closely with our partners in Germany, Australia and Canada with the excellent opportunities for research visits.

The positions will be placed at Lund University (Sweden) in the Department of Physics and embedded into NanoLund, a government-funded Strategic Research Area with world-leading expertise in nanoscience since 1990. NanoLund engages more than 50 research groups across the faculties of engineering, sciences and medicine. We are an open and highly collaborative environment with outstanding, shared facilities for bioimaging, materials synthesis and characterization.

LUND UNIVERSITY AND THE CITY OF LUND offer a highly international environment, family-friendly employment conditions and an excellent standard of living in proximity to the City of Copenhagen.

All open positions at Lund University can be found at <https://www.lunduniversity.lu.se/vacancies>

**READ THE FULL ADVERTISEMENT
AND APPLY BEFORE MARCH 23, 2023:**

[Postdoc advertisement](#)
[PhD student advertisement](#)

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