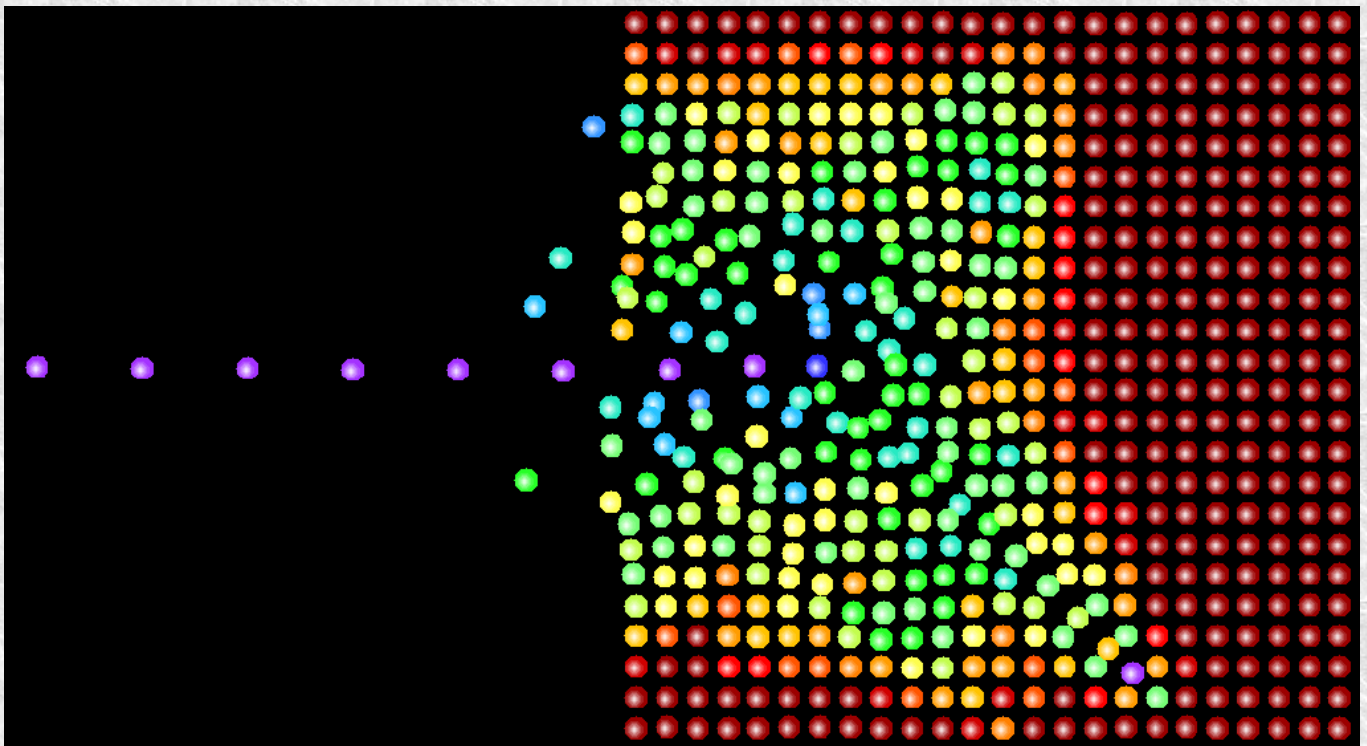


## Summer student positions in computational materials- and nanophysics

The Materials physics simulation groups at the Department of Physics, University of Helsinki have openings for 3-4 summer student positions in the field of Atom-level classical molecular dynamics, kinetic Monte Carlo and/or quantum mechanical modelling of radiation-matter interactions. The work is to be done in the large (more than 30 members) and very active (more than 40 international refereed publications annually) closely collaborating materials physics simulations groups of Prof. Kai Nordlund, Docents Antti Kuronen and Flyura Djurabekova <http://beam.acclab.helsinki.fi/sim>. In addition to carrying out active independent research, the groups have a broad range of international contacts with leading ion beam, fusion research, and accelerator technology groups around the world, including the Big Science research activities at CERN, ITER and FAIR.



The positions are intended primarily for undergraduate students of the Department of Physics of the University of Helsinki, who have an interesting in continuing research in materials physics at least to the MSc and possibly the PhD level.

The applicants should have a good track record of efficient studies in physics. Experience in programming or atomistic simulations is considered a plus.

If interested, apply via the Department of Physics summer student application system. Include a brief statement of research interests, a CV, and an excerpt from the study rolls. Questions can be directed to Prof. Kai Nordlund, [kai.nordlund@helsinki.fi](mailto:kai.nordlund@helsinki.fi)