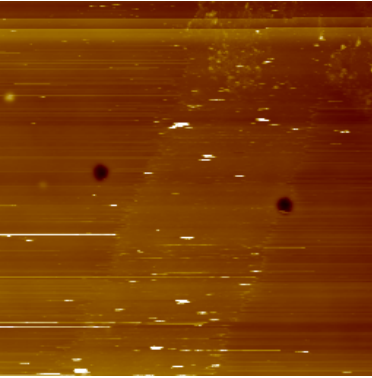


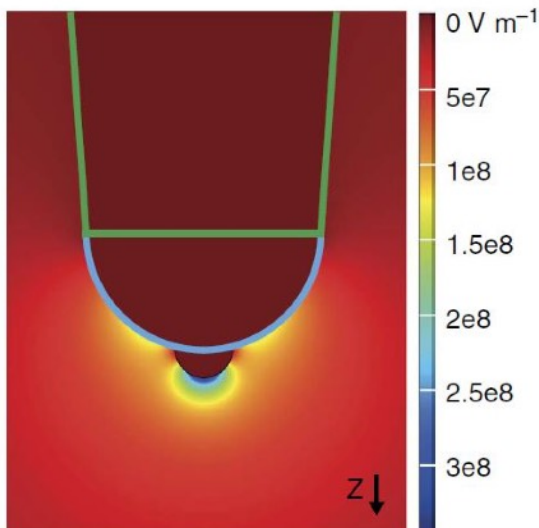
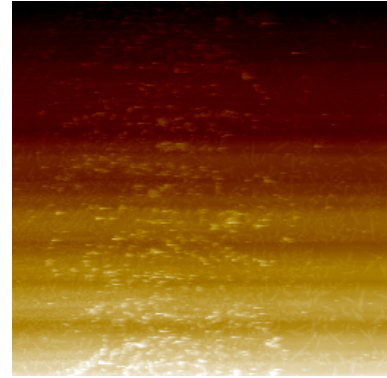
Physics research talks 2016-17

Ever wondered what goes on behind the lab doors? Come and find out!



Will Huish and Iliya Dimitrov *3D printing for quantum technology*

Wed 10 May, 15.00, U0.05



We are exploring how 3D printing at the nanoscale can be utilised to enhance the progress of the quantum technologies sector. This has involved building an electrohydrodynamic (EHD) jet printer on a budget of around £10,000, so small to medium size enterprises will be able to afford a system of their own, rather than limiting ownership of such systems to large research facilities. We present a brief overview of how EHD jet printing works,

how it has been developed, and how it can be applied to quantum physics, as well as our results to date and the upgrades we are looking at to improve the system in the future.

all welcome!

Forthcoming talks

Binoy Sobnack, *Phase slips and critical currents* Wed 17 May 1300 SMB017

Please let John Samson know if you would like to offer a talk in next year's series.