



2328-19

## Preparatory School to the Winter College on Optics and the Winter College on Optics: Advances in Nano-Optics and Plasmonics

30 January - 17 February, 2012

SNOM - Scanning near-field optical microscopy

A. Zayats The Queen's University of Belfast U.K.













3









5





















































18









- Near-field photonics: surface plasmon polaritons and localised surface plasmons, J. Opt. A: Pure Appl. Opt., vol. 5, 2003, pp.S16-S50.
- D. Richards, A.V. Zayats, Eds., *Nano-optics and near-field optical microscopy* (Artech, Boston, 2008), ISBN: 978-1-59693-238-8.
- Hyperspectral imaging with scanning near-field optical microscopy," Optics Express, vol. 18, 2010, 16513.

WWW.NANO-OPTICS.ORG.UK