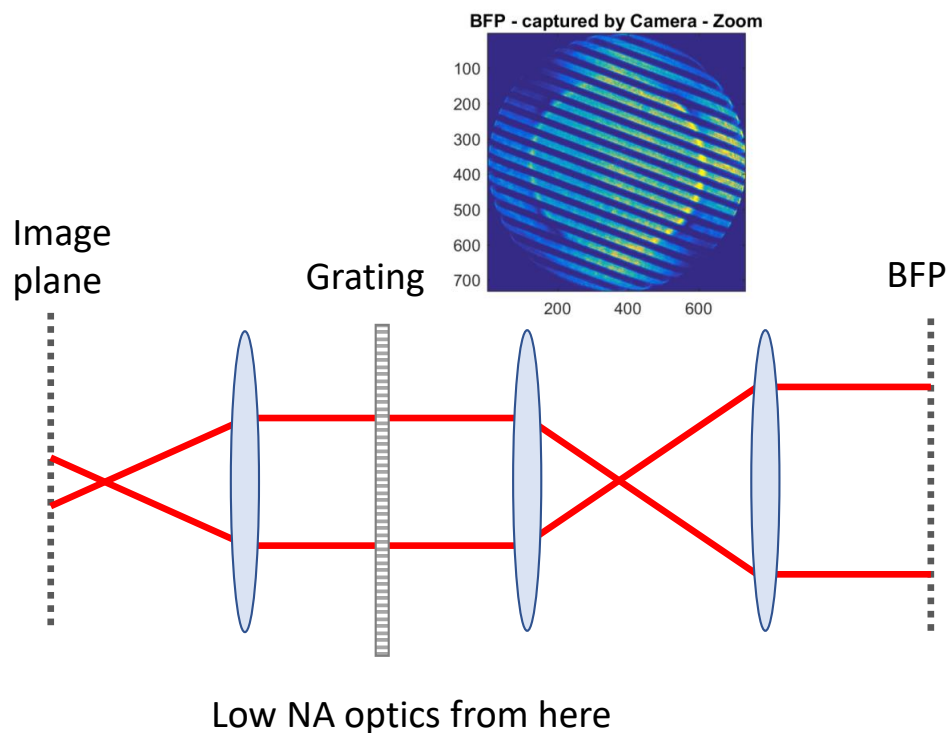


Optics and Photonics Group
Lunchtime Seminar
“Replacing the SLM with software in surface wave imaging”

Mike Somekh



1:00pm Wednesday 12th December 2018
203 Tower building
All Welcome

http://optics.nottingham.ac.uk/wiki/Talks_2018



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There has been a remarkable development of computational methods in microscopy over the last few years. These offer, at the very least, a considerable simplification in hardware and far greater versatility. In this talk I will discuss how we have greatly simplified the surface plasmon microscope and show how the same measurements can be performed using phase retrieval methods, in many cases the computational reconstructions are superior to those achieved with expensive hardware in the past.