

Joint Quantum Centre (JQC) Durham–Newcastle

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- Ultracold Quantum Gases • Ultracold Chemistry • Superfluidity
- Quantum Optics • Rydberg Systems • Quantum Nonlinear Dynamics

Launching of the Joint Quantum Centre 2013

www.jqc.org.uk/events/launch

June 25, Durham University Inaugural JQC Lecture Alexander (Sandy) Fetter Stanford University

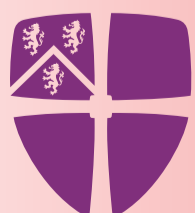
During Sandy Fetter's distinguished career in theoretical condensed matter physics he has made significant contributions to the fields of superfluidity, superconductivity, and, more recently, atomic Bose–Einstein condensates. With John Dirk Walecka, he is also the author of the book *Quantum Theory of Many Particle Systems*, widely recognized as a classic of its kind. This open lecture, on the role of correlation functions in X-ray crystallography, neutron scattering and superfluids, is aimed at a general physics audience.

June 26, Newcastle University New Developments in Quantum Physics and Chemistry

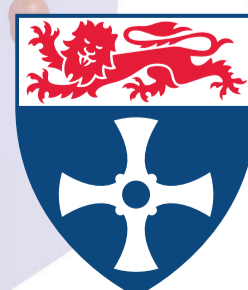
There will be a day of talks covering the full range of JQC activities, given by both JQC and external speakers. All welcome, particularly postgraduate and advanced undergraduate students. Please contact info@jqc.org.uk by Friday June 14 if you wish to attend, and whether you would like to present a poster.

Scheduled speakers are • Joy Allen
• Aidan Arnold • Caroline Blackley • Kai Bongs • Marc Brachet • Liz Bridge
• David Carty • Anna Marchant • George Pickett • Yuri Sergeev • Mike Tarbutt
• Kevin Weatherill

Interfacing Physics, Chemistry & Applied Mathematics
Interfacing Experiment & Theory



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