Post-Doctoral Research Associate (Strong-Field & Attosecond Physics - UCL)

The Strong-Field and Attosecond Physics group at the Department of Physics and Astronomy, UCL, is hiring!

We are seeking a postdoctoral research associate within the remit of the the EPSRC-funded grant AQuA DIP: Advanced Quantum Approaches to Double Ionisation Processes. This is a University College London and Queen’s University Belfast collaboration, which will explore correlated electron dynamics in double ionization and photoelectron holography. The position will be located at Professor Carla Faria’s group, at the Department of Physics and Astronomy, University College London. It will involve extending the UCL developed Coulomb Quantum Orbit Strong-Field Approximation (CQSFA) to multielectron systems and apply this to several areas, including photoelectron holography in tailored fields and quantum effects in double ionisation in XFEL and strong-field laser pulses.

The full description of the post and of the application procedure can be found at:
<https://www.jobs.ac.uk/job/CDU188/research-fellow-in-strong-field-and-attosecond-physics>

Interested candidates are welcome to contact Professor Carla Faria (c.faria@ucl.ac.uk) for informal inquiries prior to application.

The position is funded for 2 + 1 years.

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