

PhD position - Role of entanglement and coherence in quantum information processing and quantum dynamics

Sun, 2015-06-14 19:28 - [Marco Piani](#) [1] **At:** University of Strathclyde
Deadline: 25 June, 2015

Location

University of Strathclyde Glasgow United Kingdom
55° 51' 51.2532" N, 4° 15' 6.5016" W
See map: [Google Maps](#) [2]

A PhD position for a UK/EU student is available to work with Marco Piani, at the the Department of Physics of the University of Strathclyde, in Glasgow, UK. The research activity will focus on fundamental quantum features like entanglement and coherence, and their role in quantum information processing and quantum dynamics.

Applications should be submitted as soon as possible through <http://pgr.strath.ac.uk/> [3] (by 25 June 2015 to be fully considered; later applications may still be considered).

Informal inquires can be made to Marco Piani ([marco \[dot\] piani \[at\] strath \[dot\] ac \[dot\] uk](mailto:marco.piani@strath.ac.uk)) and to [pgstudies \[at\] phys \[dot\] strath \[dot\] ac \[dot\] uk](mailto:pgstudies@phys.strath.ac.uk).

Dr Piani (<http://www.strath.ac.uk/staff/pianimarcodr/> [4]) is part of the Computational Non-linear and Quantum Optics (CNQO) group (<http://cnqo.phys.strath.ac.uk> [5]), within the Optics division (<http://www.strath.ac.uk/physics/research/opticsdivision/> [6]) of the Department of Physics (<http://www.strath.ac.uk/physics/> [7]).

Strathclyde's Physics department has been ranked first in UK for quality in the recent REF 2014 assessment. Strathclyde is also the only university involved in all the four newly established UK Quantum Technology Hubs (<https://www.epsrc.ac.uk/newsevents/news/quantumtechhubs/> [8]). Finally, Strathclyde is part of the International Max Planck Partnership in Measurement and Observation at the Quantum Limit (<http://www.strath.ac.uk/physics/research/internationalmaxplanckpartnership/> [9]), which involves five Scottish Physics Departments together with five Max Planck Institutes in Germany.

- [PhD](#) [10]

Source URL:

<http://qurope.eu/db/jobs/phd-position-role-entanglement-and-coherence-quantum-information-processing-and-quantum-dyna>

Links:

- [1] <http://qurope.eu/users/marcopiani>
- [2] <http://maps.google.co.uk?q=%2C+Glasgow%2C+%2C+uk>
- [3] <http://pgr.strath.ac.uk/>
- [4] <http://www.strath.ac.uk/staff/pianimarcodr/>
- [5] <http://cnqo.phys.strath.ac.uk>
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