



Jon May

Education

- 2015–Present **PhD Student**, *The University of L'Aquila*.
Mathematical Modelling - Seismology
- 2012–2014 **Master of Science**, *The University of L'Aquila*.
Mathematical Modelling in Engineering
- 2009–2012 **Bachelor of Science**, *The University Glamorgan*.
Mathematics

Master Thesis

- Title *Retroactivity in Gene Transcriptional Networks*
- Supervisors Dr Pasquale Palumbo
- Description The thesis gives background information into the retroactive component of gene transcriptional networks. It then shows both general and biological methods that can be used to attenuate the retroactivity experienced in a given system.

Bachelor Thesis

- Title *Coding Theory for Biologists*
- Supervisors Prof. Derek Smith
- Description The thesis is an investigation into the current, and potential constraints used when constructing strands of DNA for use within Genetic Barcoding, Microarrays and DNA computing.

Awards

- 2015–2018 University of L'Aquila PhD scholarship
- 2012–2014 Abruzzo regional funding
- 2009–2012 University of South Wales Scholarship

Computer skills

- Basic Maple, VMD, Mathematica, Simulink
- Intermediate C, Python, OpenOffice, Microsoft Office, Linux OS, GPGPU, MPI
- Advanced L^AT_EX, LyX, MATLAB, Parallel programming, Fortran, OpenMP

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🌐 [LinkedIn - Jon May](#)

Languages

English	Mothertongue	
Italian	Basic	<i>A2 Level</i>
German	Basic	<i>A1 Level</i>
French	Basic	<i>Basic words and phrases only</i>

References

Head of Department
DISIM

Prof. Bruno Rubino, *The University of L'Aquila*.
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M.Sc. Supervisor
Dr. Pasquale Palumbo, *Istituto di Analisi dei Sistemi ed Informatica*.
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Programme Leader
BSc Mathematics

Dr. Stephanie Perkins, *The University of South Wales*.
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