

# Sinéad M. Ryan

School of Mathematics • Trinity College, Dublin 2, Ireland •

**Phone** (+353) 1 8961267 • **E-MAIL** [ryan@maths.tcd.ie](mailto:ryan@maths.tcd.ie) • **Web** [www.maths.tcd.ie/~ryan](http://www.maths.tcd.ie/~ryan) •  
**Orcid ID:** [0000-0004-0811-7038](https://orcid.org/0000-0004-0811-7038)

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## Academic Positions

2016 - Present	<b>Chair of Theoretical High Energy Physics</b> , Trinity College, Dublin
2012 - 2016	<b>Professor in Mathematics</b> , Trinity College Dublin
2006 - 2012	<b>Senior Lecturer</b> , School of Mathematics, Trinity College Dublin
2000 - 2006	<b>Lecturer (tenured)</b> , School of Mathematics, Trinity College Dublin
1999 - 2000	<b>Lecturer in High Performance Computing</b> , School of Mathematics, Trinity College Dublin
1996 - 1999	<b>Research Associate</b> , Fermi National Accelerator Laboratory, Illinois, USA

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## Professional Preparation

1993 - 1996	<b>Ph.D.</b> , The University of Edinburgh, U.K. Advisor: Prof R. Kenway.
1992 - 1993	<b>M.Sc. (Research)</b> , University College Cork. Advisor: Prof N. O Murchadha.
1988 - 1992	<b>B.Sc. (Hons. 1<sup>st</sup> class)</b> , University College Cork, Ireland

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## Honorary Positions & Awards

2020	Raymond and Beverly Sackler Distinguished Visiting Professor, Institute des Hautes Études, France.
2017	August-Wilhelm Scheer Visiting Professor, Institute for Advanced Study, Technical University Munich, Germany.
2016/17	Visiting Fellow, Clare Hall College and Visiting Scientist, University of Cambridge, UK.
2007/08	Visiting Scientist, Thomas Jefferson National Accelerator Facility, USA.
2003	Elected to Fellowship, Trinity College Dublin.

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## Synergistic Activities – commissions of trust (selected last 5 years)

2021 - Present	Member, <b>International Advisory Board of Mainz Institute for Theoretical Physics</b> .
2019 - 2021	Vice-Chair of the <b>EuroHPC Infrastructure Advisory Group</b> ( <a href="https://eurohpc-ju.europa.eu/governance.html">https://eurohpc-ju.europa.eu/governance.html</a> )
2019 - Present	<b>Head of School</b> , School of Mathematics, Trinity College Dublin
2017 - 2018	Chair of the <b>PRACE Scientific Steering Committee</b> ( <a href="http://www.prace-ri.eu/organisation/">http://www.prace-ri.eu/organisation/</a> )
2016 - Present	Chair of the <b>PANDA Theory Advisory Group</b> ( <a href="https://panda.gsi.de/content/theory-advisory-group">https://panda.gsi.de/content/theory-advisory-group</a> )
2015 - Present	Member, <b>Governing Board, School of Theoretical Physics, Dublin Institute of Advanced Study</b>
2014 - Present	Founding academic partner of the <b>Walton Club</b> ( <a href="http://www.tcd.ie/waltonclub">www.tcd.ie/waltonclub</a> )

2000 - Present

**International Advisory Committee** of Symposium in Lattice Field Theory Journal, Grant Referee and Institutional reviewer for PRD, PRL, PLB. DOE, NSF & INCITE (US); NSERC (Canada), STFC (UK), European Commission.

### Synergistic Activities – conference service (from 2018)

2021 Co-Chair, ECT\* Trento, Italy. *Real-time challenges in strongly interacting systems*.  
2021 Conference Co-Chair, [PASC21](#), Geneva, Switzerland.  
2021 Program Co-Chair, [eScience2021](#), Innsbruck, Austria.  
2019 Organiser, HMI Workshop. *Lattice QCD in the 2020s*.  
2021/2019/18 Member of the International Advisory Committee for the *International Symposium on Lattice Field Theory*.  
2020/19/18 Member of the Organising Committee, *European High Performance Computing Summit Week* in Ljubljana, Poznan & Porto.  
2018 Physics Program Co-Chair *PASC18*, Basel Switzerland..  
2018 Conference Chair. *Digital Infrastructure for Research*. Lisbon, Portugal.  
2018 Local organiser. *XIIIth Quark Confinement and the Hadron Spectrum*, Ireland.

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### Invited Plenaries, Reviews & Masterclasses (accepted only, last 5 years)

2021 *Exotic Heavy Mesons from Lattice QCD*, Bonn Germany. *Mass in the Standard Model*, ECT\* Trento Italy;  
2020 *Hadron Spectroscopy on the Lattice*, Valencia, Spain  
2019 *Quarkonium Working Group Conference*, Torino, Italy; *ICT Day*, Helsinki, Finland.  
2018 *Quantum Universe*, Symposium & Masterclass, Groningen, Netherlands; *Swedish Nuclear Physics Academy Annual Conference*  
2017 *Lattice Meets Continuum*, Siegen Germany; *Masterclass on Hadron Spectroscopy Theory*, GSI Germany  
2016 *Charm 2016*, Bologna Italy; *Meson 2016*, Krakow, Poland; *National Nuclear Physics Graduate School*, MIT USA;  
2015 *Resonances in QCD*, GSI Darmstadt, Germany; *Light Cone 2015*, INFN Frascati, Italy. *European Nuclear Physics Conference plenary & masterclass* Groningen, Netherlands.

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### Graduate Students (last 8 years)

J.Foley (TCD), R. Morrin (TCD), F. McElroy (TCD), T. Harris (TCD), C. O'Hara (TCD), L. Gayer (TCD).

### Postdoctoral Fellows (past 10 years, current positions indicated)

A. Feo (Parma U.), G. Burgio (Tuebingen), A. O Cais (FZ Juelich), J.K. Juge (Pacific U.), M. Oktay (Utah), J.I. Skullerud (Maynooth U.), L. Liu (Chinese Academy of Sciences), B. Leder (Humboldt U.), C. Thomas (Cambridge U.), D. Vadacchino (from 2020), J. Greene (from 2021).