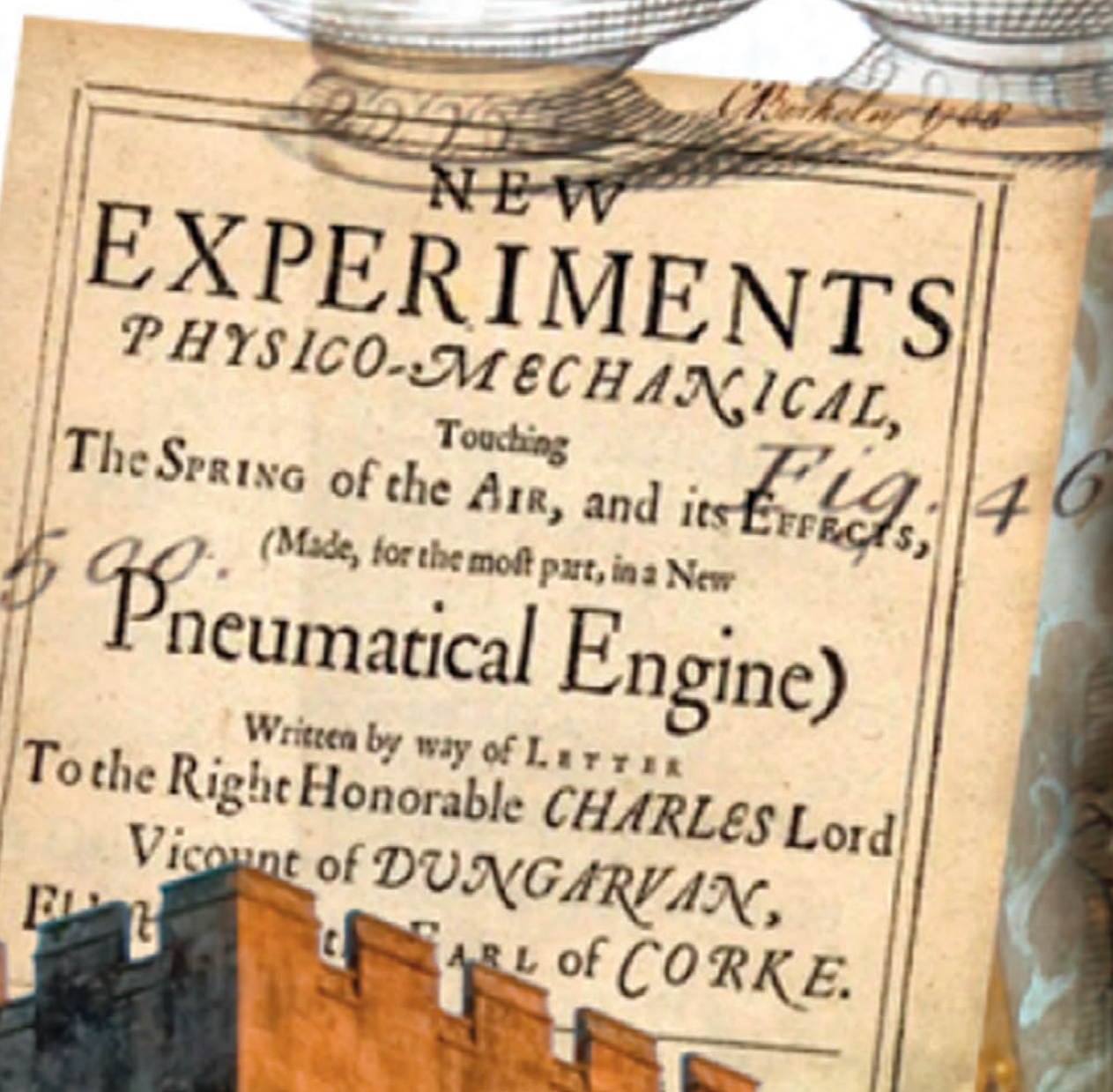


IOP Tyndall Lectures 2017

The Life and Legacy of Robert Boyle

With Eoin Gill & Sheila Donegan



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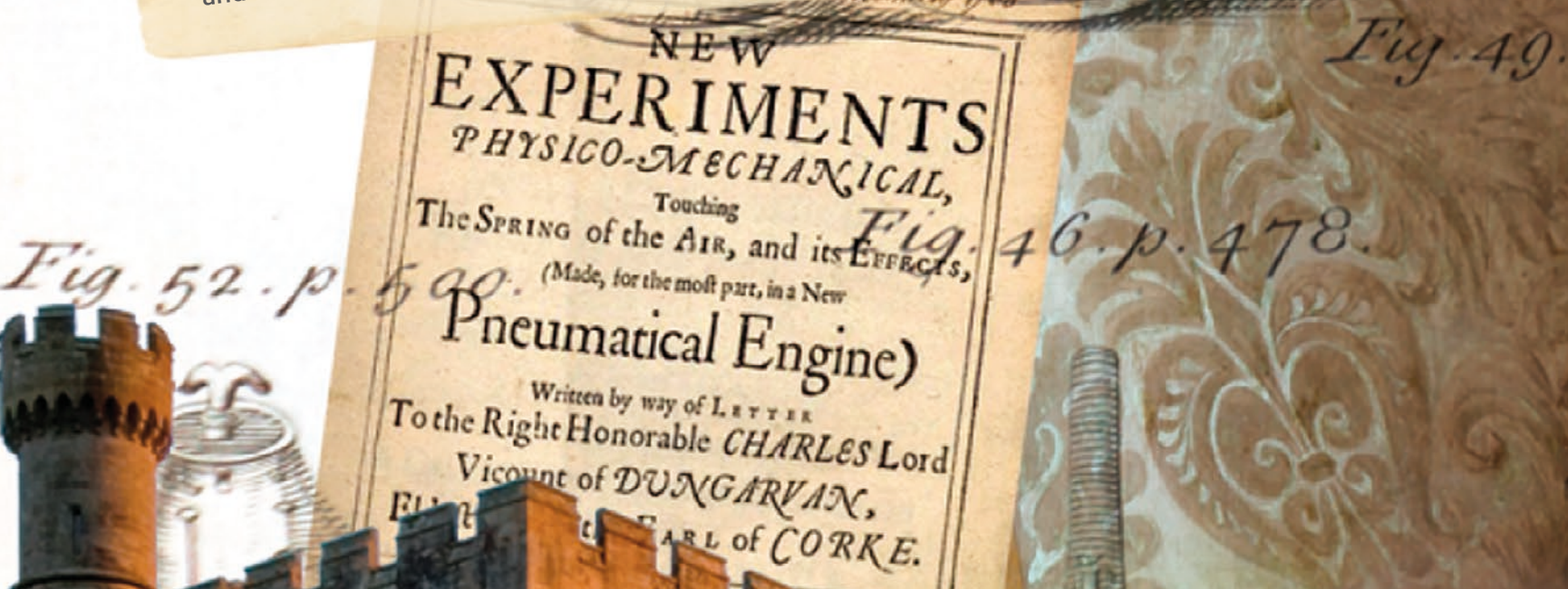
Robert Boyle was one of the most important figures in the development of modern science. He made discoveries across a wide range of areas. Born in Ireland in 1627, he lived and worked in Oxford and London, often working closely with his sister Lady Ranelagh. Boyle worked at a time when there were many competing approaches to investigating the world and he was most influential in establishing experiment as the key way to building science. His experiments were performed in front of gatherings of scientists and dignitaries and were famous throughout Europe. This show will recreate many of Boyle's own experiments in fundamental areas of physics. The audience will learn about the weight of the air, behaviour of gases under pressure, characteristics of vacuums and other phenomena by witnessing these

demonstrations in the same way as an audience did 350 years ago. They will also understand how modern science emerged and gain an appreciation for what science is. The show will be performed by Eoin Gill as Robert Boyle and Sheila Donegan as Lady Ranelagh.

Eoin Gill and Sheila Donegan are directors of Calmast STEM Outreach Centre at Waterford Institute of Technology. They have been celebrating the legacy of Robert Boyle for many years speaking and performing about Boyle in several countries. In 2012 with partners they established the Robert Boyle Summer School which runs each June at Lismore Co. Waterford. They are active across the whole range of STEM running events attracting over 15,000 each year in the Southeast. They are also the founders of Maths Week Ireland which is the largest maths festival in the world. www.calmast.ie

IOPI Tyndall Schools Lecture Series 2017

Date	Location	Venue	Contact Name, Number and email
Friday 20th Jan	Waterford	WIT 12.00 noon	Gabriel Gallagher ggallagher@wit.ie Tel: 051 302 605
Monday 23rd Jan	Dublin	DIT 12.00 noon + 2.00pm	Siobhan Daly Siobhan.daly@dit.ie Tel: 01 402 4927 Tel: 01 402 4559
Tuesday 24th Jan	Carlow	Carlow IT 12.00 noon	Yvonne Kavanagh yvonne.kavanagh@itcarlow.ie Tel: 059 917 5542
Thursday 26th Jan	Cork	UCC 12.00 noon + 2.00pm	Susanna Kent or Irene Horne physics@ucc.ie Tel: 021 490 2013
Friday 3rd Feb	Limerick	UL 12.00 noon	Carol Ryan, carol.ryan@ul.ie Tel: 061 213113
Monday 6th Feb	Sligo	ITSligo 12.00 noon	Eileen Armstrong, eileen.armstrong@itsligo.ie Tel: 071 930 5531
Tuesday 7th Feb	Derry	Foyle College 12.00 noon	Sandra O'Connell sandraoconnell77@hotmail.com Tel: +44 79898 90331
Wednesday 8th Feb	Belfast	QUB 2.00pm	Outreach Secretary mp.outreach@qub.ac.uk Tel: +44 2890 973523
Friday 10th Feb	Galway	NUIG 12.00 noon	Tess Mahoney tess.mahoney@nuigalway.ie Tel: 091 492 490



IOP Institute of Physics in Ireland