



HISTORY OF TECHNOLOGY, DUBLIN CONFERENCE - 21 SEPTEMBER 2019

From Water Turbines to Jet Engines

Some Untold Stories of Technology in Ireland

- Evolution of photonics
- Radio aids to navigation
- Communications & the railway
- Anti-piracy technology
- Abilities of Irish GPO Women in WW1
- Telecoms engineering – BT archives
- Water turbines
- Women & rural electrification
- Telegraphy & Valentia
- Aircraft manufacture
- 19th Century telephony developments

Date: 21st September, 09:15 - 17:50

Venue: Clayton Hotel, Ballsbridge, Dublin **D04 P3C3**

Admission is free, complimentary tea/coffee and a light lunch

Registration is required at:

<https://localevents.theiet.org/485770> or scan QR code

See conference programme overleaf



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IET History of Technology Conference Programme, 21st September 2019

Clayton Hotel, Ballsbridge, Dublin D04 P3C3

09:15 - 10:00: Registration

10:00 - 10:10: Welcome to Dublin – Dr Colin Couper, Chairman IET (Ireland Network)

Event Introduction: Robert Martin-Royle, Chairman – IET History of Technology Network

10:10 - 10:40: Keynote Address – Professor Gerard Farrell – Technical University Dublin

40 years and more: The development of optical fibre systems and devices for communications and sensing

10:40 - 11:10: Dr Colin Rynne, University College Cork,

The development and growth of water turbines in Ireland in the 19th century.

11:10 - 11:40: Dr Sorcha O'Brien, Kingston University London

Women's Experiences of Rural Electrification

11:40 - 12:00: Tea/Coffee break

12:00 - 12:30: Professor W Bernard Carlson, University of Virginia

An Irishman in Silicon Valley: John Ryan, Macrovision, and the Development of Anti-Piracy Technology

12:30 - 13:00: Guy Warner, Retired

Not just Titanic but Flying Boats too – the remarkable story of Belfast's plane makers

13:00 - 13:20: Q&A Session on morning papers

13:20 - 14:00: Lunch

14:00 - 14:30: David Hay, BT Archives

Sources at BT Archives for telecommunications engineering and innovation in Ireland.

14:30 - 15:00: Dr Adrian Kirwan, Maynooth University

Developing telephony at the edge of the United Kingdom: the telephone in Ireland, 1878-1893.

15:00 - 15:30: Barbara Walsh PhD, Independent Scholar

The technical abilities of Irish GPO women in First War Army Signal Units, France, 1917-1919.

15:30 - 15:50: Tea/Coffee break

15:50 - 16:20: Seamus Doyle, Retired Head of Engineering, Irish Lights.

Evolution of Radio Aids to Navigation

16:20 - 16:50: Derek Cassidy, BT Ireland

The Railway and its influence on communications or vice versa.

16:50 - 17:20: Dennis Jennings, Consultant

Valentia, the telegraph and world heritage status

17:20 - 17:50: Discussion on afternoon papers and summing up

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