



Tracklist (55 minutes, 25MB)

- 1** Introduction (0.00) Trinity College
- 2** 4004 BC, the date of Creation (2.50) The Old Library, TCD
- 3** Colour photos and radiotherapy (6.45) Museum Building, TCD
- 4** The man who split the atom (12.00) Physics Dept, TCD
- 5** The night Dublin dissected an elephant (16.25) Zoology dept TCD
- 6** The engine that electrified the world (20.10) Parsons Building, Engineering TCD
- 7** The 'father' of seismology (25.15) TCD railings, Lincoln Place
- 8** The man who shaped 19th century Ireland (28.50) National Gallery garden, Merrion Square
- 9** Schrödinger in Dublin (32.15) No. 64 Merrion Square
- 10** Irish science helped land a man on the Moon (35.30) Government Buildings, Merrion St
- 11** Dirty snowballs and radio waves (41.10) No. 7 Ely Place
- 12** The Nobel prize that might have been (44.10) National Concert Hall, Earlsfort Terrace
- 13** Measuring starlight (47.55) No. 16 Earlsfort Terrace
- 14** Molly Malone (52.30) performed by Gary O'Connor

Practicalities

The tour takes about 90 minutes to 2 hours. Take care crossing streets, use pedestrian crossings where possible, and watch for uneven pavements and other hazards. We recommend comfortable shoes & rain gear!

Disclaimer: Ingenious Ireland has made every effort to ensure that the information for this tour is correct, but we assume no responsibility for any errors or any hazards along the route. Users of this audio guide are responsible for their own safety at all times.

Dublin City of Science 2012

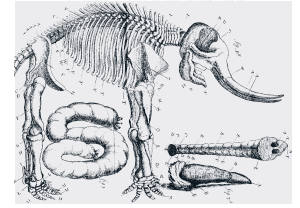
This walking tour was developed with support from Dublin City of Science 2012, which brings a celebration of science to Dublin, supporting over 160 events and activities that cross the worlds of art and culture to entertain the public and bring science to life.

www.dublinscience2012.ie

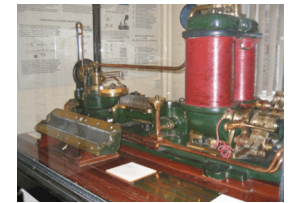
Explore more!

Read: For more inventions, dip into our e-book, **'Ingenious Dublin, Mary Mulvihill's guide to the city's marvels, inventions and discoveries.'** It's packed with stories and places to visit, and available from Amazon Kindle. Try the free chapter today!

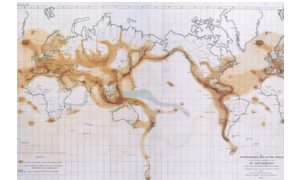
Visit: **Parsons Building**, TCD Engineering, Mon-Fri 9am-5pm • **Geology Museum**, TCD, Mon-Fri 10-4 • **Dunsink Observatory** (www.dunsink.dias.ie) public open nights 1st & 3rd Wed of each month Oct-March • **Broome Bridge, Cabra:** take **'Quaternions by the Royal Canal'**, the free Ingenious Ireland podcast tour for Hamilton's eureka moment • the annual **Robert Boyle science summer school** in his birthplace, Lismore, Co Waterford (www.robertboyle.ie) • **Government Buildings**, free tours Saturdays by ticket (<http://www.heritageireland.ie/en/Dublin/Government-Buildings/>).



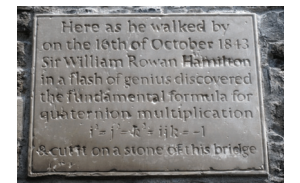
5 Mullen's anatomy of an elephant (1682).



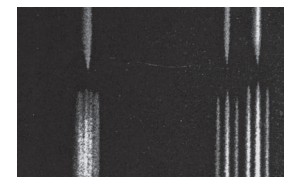
6 The steam turbine: invented in 1884, it changed the world.



7 Robert Mallet's atlas of earthquakes (1857).



10 Plaque to Hamilton's quaternion algebra, at Broome Bridge.



12 The Anomalous Zeeman effect is the extra lines, seen in the lower spectrograph, discovered at UCD Earlsfort Tce by Thomas Preston in 1897.

Written and Narrated Mary Mulvihill

Sound Production Andy Christian

Design Carton LeVert

Music Gary O'Connor

© Mary Mulvihill & Ingenious Guides Ltd 2012

hello@ingeniousireland.ie