

AccessionIndex: TCD-SCSS-V.20180409.001

Accession Date: 9-Apr-2018

Accession By: Provost Patrick Prendergast

Object name: Trinity Monday Memorial Discourse 2018 on Professor John Gabriel Byrne

Vintage: 2018

Synopsis: The annual Trinity Monday Discourse presented by Professor Jane Grimson of Trinity College Dublin.

Description:

Each year Trinity College Dublin celebrates *Trinity Week*, starting with *Trinity Monday*, when new Scholars and Fellows are announced, and the *Trinity Monday Memorial Discourse* is presented.

Trinity Monday fell on the 9th April in 2018, and at 11:30am the Memorial Discourse was presented by Professor Jane Grimson (a distinguished computer scientist and former Vice-Provost of Trinity College) on the subject of the life of Professor John Gabriel Byrne, the founding professor and long-time head of the University's Department of Computer Science [1], a Senior Fellow, dedicated public servant, and notably self-effacing and kindly gentleman, who is acknowledged by many as the "Father of Computing in Ireland".

Provost Patrick Prendergast arranged that this Discourse be professionally recorded for posterity (by AV Company), and that the video and audio be preserved on both physical (DVD and CD) and electronic (MP4 and MP3 files) within this collection, as well as published in this online catalog of the collection.

Further detail on the life and contributions of Prof.J.G.Byrne can be found in related documents in the associated folder in this catalog [2], in the nine interviews of Prof.J.G.Byrne by Maurice O'Keefe [3], in the book on Prof.J.G.Byrne edited by Chris Horn [4], and in the obituaries of Prof.J.G.Byrne [5, 6, 7]. The history of the department's major contribution to Irish networking and the Internet is outlined in [8], while the history of the department itself can be found in [9]. Further details can be found in the history of the Department of Statistics (now united with Computer Science in the School of Computer Science and Statistics) [10], the history of the Computer Laboratory (now IT Services) [11], and the history of computing education in Irish schools by Elizabeth Oldham [12].

Many thanks to Provost Prendergast for generously arranging for the recording of the Discourse and for permission to preserve and publish the recording.

Please be aware that in the official recordings in the associated folder in this catalog there is a 6 minute lead-in to the video recording and a 2 minute 30 second lead-in to the audio recording, so alternative versions without these delays are also provided.

See the recordings and related documents in the associated folder in this catalog at: <https://www.scss.tcd.ie/SCSSTreasuresCatalog/literature/TCD-SCSS-V.20180409.001/>
To view, click on either of the links for: (a) the official video 'withoutLeadinDelay', or (b) the backup video, which lends an interestingly different atmosphere.

The homepage for this catalog is at: <https://www.scss.tcd.ie/SCSSTreasuresCatalog/>
Click '*Accession Index*' (1st column listed) for related folder, or '*About*' for further guidance. Some of the items below may be more properly part of other categories of this catalog, but are listed here for convenience.

Accession Index	Object with Identification
TCD-SCSS-V.20180409.001	Trinity Monday Memorial Discourse 2018 on Professor John Gabriel Byrne, The annual Trinity Monday Discourse presented by Professor Jane Grimson of Trinity College Dublin, 2018.
TCD-SCSS-V.20180409.001.001	Prof.Jane Grimson, Memorial Discourse on Prof.J.G.Byrne presented on Trinity Monday, 2018. Official electronic video file in MPEG-4 format on DVD and online (Video: AVC1, 1280 x 720, 4869kbps, 25fps, Audio: AAC, 160kbps, 48kHz).
TCD-SCSS-V.20180409.001.002	Prof.Jane Grimson, Memorial Discourse on Prof.J.G.Byrne presented on Trinity Monday, 2018. Official electronic audio file in MPEG-3 format on CD and online (Audio: MPEG, 320kbps, 44kHz).
TCD-SCSS-V.20180409.001.003	Prof.Jane Grimson, Memorial Discourse on Prof.J.G.Byrne presented on Trinity Monday, 2018. Electronic files of the Powerpoint slide presentation in PPT and PPTX formats, and of the transcript of the presentation in DOC and DOCX formats, on CD and online.
TCD-SCSS-V.20180409.001.004	Prof.Jane Grimson, Memorial Discourse on Prof.J.G.Byrne presented on Trinity Monday, 2018. Official electronic video file in MPEG-4 format on USB stick (Video: AVC1, 1280 x 720, 4869kbps, 25fps, Audio: AAC, 160kbps, 48kHz).
TCD-SCSS-V.20180409.001.005	Prof.Jane Grimson, Memorial Discourse on Prof.J.G.Byrne presented on Trinity Monday, 2018. Official electronic audio file in MPEG-3 format on USB stick (Audio: MPEG, 320kbps, 44kHz).
TCD-SCSS-V.20180409.001.006	Prof.Jane Grimson, Memorial Discourse on Prof.J.G.Byrne presented on Trinity Monday, 2018. Backup electronic video file in MPEG-4 format on DVD and online (Video: AVC1, 1920 x 1080, 4000kbps, 30fps, Audio: AAC, 74kbps, 48kHz) recorded by Dr.Brian Coghlan.
TCD-SCSS-V.20180312.001	Memorium and Obituaries for Prof.J.G.Byrne, born: 25-Jul-1933, died: 16-Apr-2016, see: https://scss.tcd.ie/SCSSTreasuresCatalog/Prof-John-Gabriel-Byrne-1933-2016.pdf
TCD-SCSS-V.20160929.001	Nine interviews of Prof.J.G.Byrne, TCD. O'Keefe, Maurice & Jane, 'Irish Life and Lore, Trinity College Dublin, John Byrne', CD no.55, 68:50 mins, MPEG 160kbps. Vintage: c.2012.
TCD-SCSS-V.20171231.001	Ed: Chris Horn, Professor John Byrne: Reminiscences: Father of Computing in Ireland, 2017. ISBN-10: 1520696841, ISBN-13: 978 1520696843.
TCD-SCSS-X.20180907.002	Prof.J.G.Byrne, Computerisation of the TCD Library 1872 Printed Catalogue.
TCD-SCSS-V.20180312.002	Portrait of Prof.John Gabriel Byrne, Trinity College Dublin, portrait by Atsushi Kaga, 2005.
TCD-SCSS-X.20121208.007	Richardson's Fantastic Forecast Factory. Painting of imaginary prediction factory, based on Ch.11 of Richardson's 'Weather Prediction by Numerical Process', ink and water colour, commissioned and owned by Prof.J.G.Byrne, painted by and Copyright of Stephen Conlin, 1986.
TCD-SCSS-T.20160323.001	Networking and the Internet, Networking hardware and the arrival of the Internet in Ireland, 1991.
TCD-SCSS-X.20121208.004	History of the Department of Computer Science, Trinity College Dublin. The evolution of computer science as reflected in the long line of machines used by the department since its inception, c.1969
TCD-SCSS-X.20121208.006	Department of Statistics, Trinity College Dublin. The evolution of the Dept.Statistics as reflected in the machines used since its inception c.1968.
TCD-SCSS-X.20121208.005	The Computer Laboratory, Trinity College Dublin. The evolution of Trinity College Dublin computing services as reflected in the long line of machines used by the Computer Lab since its inception c.1968.
TCD-SCSS-V.20180124.001	Elizabeth Oldham, History of Computing Education in Irish Schools. Video of presentation to Computers in Education Society of Ireland (CESI) Computer Science Symposium, Sept. 2017.
TCD-SCSS-X.20121208.001	Charles Babbage's Engines, Irish interactions with Charles Babbage regarding his Difference Engines and Analytical Engine, c.1843.
TCD-SCSS-V.20121208.870	Ada Lovelace's famous translation with an 'Addition', Prof.J.G.Byrne's offprint of Ada Lovelace's translation of L.Menabrea's 'Sketch' of the Analytical Engine, incorporating an offprint of Charles Babbage's 'Addition', c.1843.
TCD-SCSS-X.20121208.002	Percy E. Ludgate Prize in Computer Science. Prize in memory of Percy Ludgate's novel 1909 design for an Analytical Engine, the next after Babbage's.
TCD-SCSS-T.20121208.019	IBM 1620. TCD's first computer, purchased in 1962. Vintage: c.1959.
TCD-SCSS-T.20121208.018	IBM 360/44 console and subsystems. Control panel, CPU logic, core memory from IBM 360/44 installed in Trinity College Dublin to provide a service to all sectors of College, including the Dept.Computer Science, from 1969. Vintage: c.1965

References:

1. Trinity College Dublin, *School of Computer Science and Statistics*, see: <https://www.scss.tcd.ie/>
Last viewed 14-Feb-2018.
2. Jane Grimson, *Memorial Discourse on Prof.J.G.Byrne*, presented on Trinity Monday, 2018, Trinity College Dublin, see associated folder in this catalog.
3. O'Keefe, Maurice & Jane, *Nine interviews of Prof.J.G.Byrne, TCD.*, 'Irish Life and Lore, Trinity College Dublin, John Byrne', CD no.55, 68:50 mins, MPEG 160kbps, c.2012, see elsewhere in this catalog.
4. Ed: Chris Horn, *Professor John Byrne: Reminiscences: Father of Computing in Ireland*, ISBN-10: 1520696841, ISBN-13: 978-1520696843, 2017, see elsewhere in this catalog.
5. Irish Times, *The father of computing in Ireland*, Saturday, 23-Apr-2016, see: <https://scss.tcd.ie/SCSSTreasuresCatalog/Prof-John-Gabriel-Byrne-1933-2016.pdf>
Last browsed to on 14-Feb-2018.
6. The Library of Trinity College Dublin, *Passing of Professor John Byrne*, Memorium, 28-Apr-2016, see: <https://www.tcd.ie/library/news/passing-of-professor-john-byrne/>
<https://scss.tcd.ie/SCSSTreasuresCatalog/Prof-John-Gabriel-Byrne-1933-2016.pdf>
Last browsed to on 14-Feb-2018.
7. Irish Computer Society, *Obituary: ICS Distinguished Fellow - Professor John Byrne*, 25-Apr-2016, see: <https://www.ics.ie/news/obituary-ics-distinguished-fellow-professor-john-byrne>
<https://scss.tcd.ie/SCSSTreasuresCatalog/Prof-John-Gabriel-Byrne-1933-2016.pdf>
Last browsed to on 14-Feb-2018.
8. School of Computer Science and Statistics, *Networking and the Internet, Networking hardware and the arrival of the Internet in Ireland*, c.1991, see elsewhere in this catalog.
9. School of Computer Science and Statistics, *History of the Department of Computer Science, Trinity College Dublin, The evolution of computer science as reflected in the long line of machines used by the department since its inception*, c.1969, see elsewhere in this catalog
10. School of Computer Science and Statistics, *Department of Statistics, Trinity College Dublin. The evolution of the Dept.Statistics as reflected in the machines used since its inception*, c.1968, see elsewhere in this catalog.
11. School of Computer Science and Statistics, *The Computer Laboratory, Trinity College Dublin. The evolution of Trinity College Dublin computing services as reflected in the long line of machines used by the Computer Lab since its inception*, c.1968, see elsewhere in this catalog.

12. Elizabeth Oldham, *History of Computing Education in Irish Schools*, video of presentation to Computers in Education Society of Ireland (CESI) Computer Science Symposium, September 2017, see elsewhere in this catalog.



Figure 1: Professor John Gabriel Byrne, "the image of John"

CURRICULUM VITAE

J.G. Byrne

Date of Birth: 25th July, 1933.

Academic Qualifications

B.A.	1956	Trinity College, Dublin.
B.A.I.	1956	Trinity College, Dublin . Alexander Prize for first place in Civil Engineering subjects.
D.I.C.	1958	Imperial College, London.
Ph.D.	1961	Trinity College, Dublin. Thesis: "Torsion of hollow beams"
M.A.	1961	Trinity College, Dublin.
F.T.C.D.	1969	Fellow of Trinity College, Dublin.

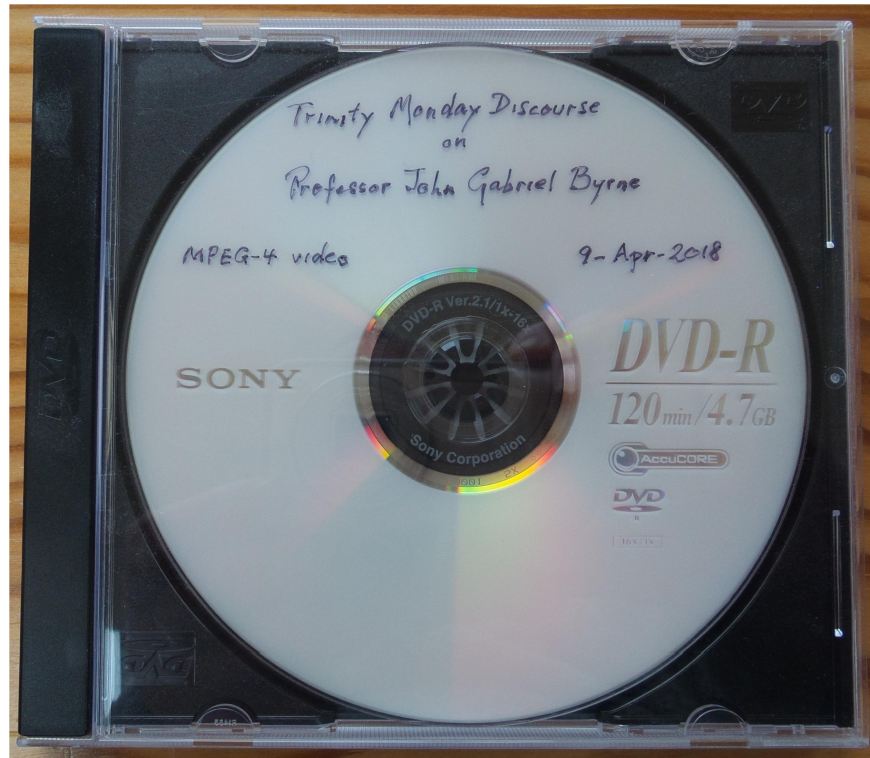
Professional Career

Jan. 1957/June 1957	Engineer with S. Willis, Consulting Engineer, Birmingham.
July 1957/Sept. 1957	Junior Engineer with Dublin Corporation.
Oct. 1957/June 1958	Student on Concrete Technology Course at Imperial College, London.
Sept. 1958/Dec. 1960	Research student..
Dec. 1960/Dec. 1973	I.C.I. Research Fellow.
Sept. 1963/Sept. 1965	Lecturer, Graduate School of Engineering) Studies.)
Sept. 1965/June 1967	Lecturer in Computer Science.) all
June 1967/Sept. 1973	Senior Lecturer in Computer Science.) at
Oct. 1968/date	Head of Department of Computer Science) Trinity
Oct. 1973/date	Professor of Computer Science) College
) Dublin.

Membership of Professional Societies

Member, Institution of Engineers of Ireland (Chartered Engineer)
Fellow, Irish Computer Society
Member, British Computer Society
Member, Association for Computer Machinery (U.S.A.)
Affiliate, IEEE (New York)

Figure 2: Prof.J.G.Byrne's CV c.1975
Note "Lecturer in Computer Science" from Sep-1965



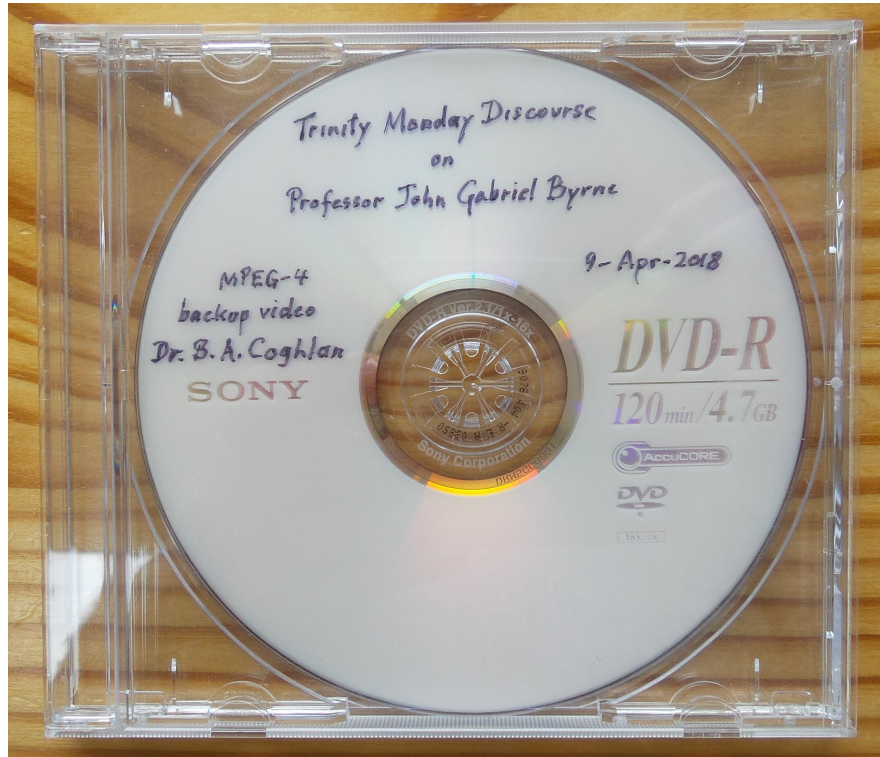
*Figure 3: Trinity Monday Memorial Discourse 2018 by Professor Jane Grimson
on the life of Professor John Gabriel Byrne
Official video and audio DVD, front view*



*Figure 4: Trinity Monday Memorial Discourse 2018 by Professor Jane Grimson
on the life of Professor John Gabriel Byrne
Official audio CD, front view*



*Figure 5: Trinity Monday Memorial Discourse 2018 by Professor Jane Grimson
on the life of Professor John Gabriel Byrne
Official slide presentation and transcript CD, front view*



*Figure 6: Trinity Monday Memorial Discourse 2018 by Professor Jane Grimson
on the life of Professor John Gabriel Byrne
Backup video and audio DVD, front view
(recorded by Dr. Brian Coghlan)*



*Figure 7: Trinity Monday Memorial Discourse 2018 by Professor Jane Grimson
on the life of Professor John Gabriel Byrne
Official video and audio USB stick and audio USB stick, front view
(recorded by AV Company)*