

Curriculum Vitae



Dr Barry R. Clarke

Author: physics, puzzles, and Shakespeare

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EDUCATION

- 1979–81: B.Sc.Theoretical Physics (University of Hull): attained 90% in Advanced Mathematics ancillary (only 4 out of 92 candidates gained over 80%).
- 1982–84: M.Sc. Theoretical Physics (University of Hull) by thesis ‘Commutator Techniques of Quantum Mechanics’, matrix mechanics and FORTRAN algorithms.
- 2010–2013: PhD Shakespeare Studies (Brunel University, Uxbridge) by thesis ‘Francis Bacon’s contribution to three Shakespeare plays’, passed without amendment

ACADEMIC ARTICLES (peer reviewed)

- ‘Perturbation series for transition moments of anharmonic oscillators’, *J. Phys. A: Math. Gen.* 18 (1985):2207 (see <http://barryispuzzled.com/perturbation.pdf>)
- ‘Structure of matrix perturbation coefficients’, *J. Phys. A: Math. Gen.* 18 (1985):2729 (see <http://barryispuzzled.com/structure.pdf>)
- ‘The Virginia Company and *The Tempest*’, *J. Drama Studies* 5 (July 2011):13–27
- ‘The Virginia Company’s role in *The Tempest*’, in Petar Penda, ed., *The Whirlwind of Passion*. Cambridge Scholars Publishing, 2016.
- ‘Response to book review “Francis Bacon’s contribution to Shakespeare”’, *Style* 54, 3 (2020): 365–368.
- ‘A reinterpretation of the Grangier experiment using a multiple-triggering single-photon model’, *Modern Physics Letters B*, 37, 15, 2350042, (2023).

BOOKS

- *The Daily Telegraph Book of Brain Twisters* (part contributor, Pan: 1993)
- *Puzzles for Pleasure* (Cambridge University Press: 1994)
- *Test Your Puzzle Power* (Ward Lock: 1994)
- *Brain Busters* (Dover: 2003) ... No. 1 bestseller amazon.com Math & Puzzles, 2004
- *Challenging Logic Puzzles Mensa* (Sterling: 2003) ... over 100,000 copies sold
- *Mathematical Puzzles and Curiosities* (Dover, 2013)
- *Extreme Logic Puzzles* (Sterling, NY, 2013)
- *The Quantum Puzzle: Critique of Quantum Theory and Electrodynamics* (World Scientific Publishing, 2017)
- *Supergenius Logic Puzzles* (Puzzlewright Press, NY, 2019)
- *Brain-Stretching Logic Puzzles* (Puzzlewright Press, NY, 2019)
- *Francis Bacon’s Contribution to Shakespeare: A New Attribution Method* (Routledge Studies in Shakespeare, 2019) foreword by Sir Mark Rylance
- *The Vortex Atom: A New Paradigm* (World Scientific Publishing, 2021)
- *Mathematical Conundrums* (Taylor & Francis, 2023)
- *Newton’s Puzzles* (Arcturus, to be published 2023)

POPULAR ARTICLES

- 'Francis Bacon', in William Leahy, ed., *My Shakespeare*. Edward Everett Root, 2017.
- 'Who didn't write Shakespeare?', <https://www.prospectmagazine.co.uk/arts-and-books>, 21 May 2018.
- 'Andy Yorke', a review of a performance at the Jericho Tavern, Oxford, *The Independent*, 7 June 2018.
- 'How professional puzzlers keep their brains sharp', part-contributor, *The Sunday Telegraph*, 30 September 2018.
- 'Who wrote Shakespeare?' part-contributor with Sir Mark Rylance, *The Sunday Times*, 3 February 2019.
- Christmas puzzle pages, *Prospect* magazine (UK), January 2015–2021.

PUZZLE COLUMNS

Over 1,500 puzzles for *The Daily Telegraph* as well as contributions to *The Sunday Times*, *The Sunday Telegraph*, *New Scientist*, *Reader's Digest*, *Brain Games* (USA), and *Prospect* magazine. Currently compile maths and logic puzzles for *The Daily Telegraph*.

TV CONSULTANCY

- Consultant in 2004 to BBC4 television's "Mind Games" Series III which also broadcast my HAIL CLIP puzzle on 25 October 2004.
- Consultant in 2016 to Channel 4 television's "Child Genius" series.

TV COMEDY BROADCAST WRITING

- 'Army aptitude test quickie', Alas Smith and Jones, Series IV, BBC TV, 1987.
- 'Operating theatre sketch', Little and Large, Series VIII, BBC TV, 1988.
- Three comedy sketches, Beadle's Hotshots, Series II, ITV, 1997.

SHORT FILMS

- 'The Bath in the Garden', psychological drama, writer, editor, director, 1997: <https://www.youtube.com/watch?v=qUQ37xlm9Vs>
- 'Don't Feed the Demon', drama, writer, editor, director, 1997: <https://www.youtube.com/watch?v=WHIHBByLoAcc>
- 'Horis and Doris', comedy, writer, editor, director, 1998: <https://www.youtube.com/watch?v=qvueH7yhpQk>
- 'Pythagoras podcast', humorous educational, presenter, writer, director, 2010: https://www.youtube.com/watch?v=zgWC7_FLdpM
- 'Francis Bacon as Insider, Shakespeare as Outsider', presenter, writer, animator, editor, director, 2020: <https://www.youtube.com/watch?v=K3mAu1f2pLI>

INTERESTS

I draw cartoons for my puzzle books, play electric blues guitar. My favourite guitarists are Jimi Hendrix and Ritchie Blackmore. My short film 'Horace and Doris' was made with Harry Potter director David Yates as consultant (before he became famous).