

Outline Curriculum Vitae — David Frederick Malin DSc, AM

Updated August, 2023

Personal

Born in 1941, Summerseat, near Bury, Lancashire, England.

1967, married Phillipa Jones, born Chatswood, Sydney, Australia, 1945

Children: James, 1971: Jennie and Sara, June 1973, all born in England

Nationality — Australian + British, emigrated to Australia, 1975.

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Location: Sydney's Northern Beaches (Bayview, Australia)

Education

1946–1952 Walmersley (Bury) Church of England Primary School.

1952–1957 Bury High (Grammar) School.

1957–1963 Bury Technical College. Part-time study.

1964 Higher National Certificate in Chemistry, Physics and Mathematics.

Employment

1957–1960 Geigy (UK) Ltd. Laboratory Assistant, Pesticides Laboratory.

1960–1964 Geigy (UK) Ltd. Chief Technician, Organic Pigments (Physical Properties)

1964–1975 Ciba-Geigy (UK) Ltd. Founder and Head of Microscopy Unit
(from 1970 Electron Microscopy and Physical Methods Laboratory), Research Department.

1975–1978 Anglo-Australian Observatory. Senior Technical Officer Grade 2.

1978–1980 Anglo-Australian Observatory. Experimental Officer Grade 2.

1980–1985 Anglo-Australian Observatory. Experimental Officer Grade 3.

1985–1989 Anglo-Australian Observatory. Senior Research Scientist.

1989–2001 Anglo-Australian Observatory. Principal Research Scientist.

2001 Founder, David Malin Images; business dissolved, 2021

Professional Societies

Member of the International Astronomical Union since 1977.

Elected Fellow of The Royal Photographic Society, 1983.

Elected Honorary Fellow of the Australian Institute of Professional Photographers, 1993.

Vice-President, IAU Commission 9 (Instruments and Techniques), 1994–1998

Elected Honorary Member of the Astronomical Society of South Australia, 1995

Elected Fellow of the Astronomical Society of Australia, 1996

Member of The Institute of Photographic Technology (Melbourne), 1996

Appointed Adjunct Professor of Scientific Photography at RMIT University (Melbourne), 1996–

Elected Fellow of the Royal Astronomical Society, 1997

Elected Corresponding Member of the International Academy of Aeronautics, 1998

Professional Awards

Henri Chrétien Award of the American Astronomical Society, 1985.

Jackson–Gwilt Medal and Prize of the Royal Astronomical Society, 1985.

Doctor of Science (Honoris Causa) University of Sydney, 1989 for contributions to astronomy

Rodman Medal of the Royal Photographic Society, 1990.

Progress Medal of the Photographic Society of America, 1993.

Commonwealth Medal of the Australian Photographic Society, 1993.

University of NSW Press, Eureka Science Book Prize, 1994 (for *A View of the Universe*, CUP)

Lennart Nilsson Prize, 2000.

Doctor of Science (Honoris Causa) RMIT University, Melbourne, 2003, for contributions to
scientific imaging

Inaugural Hubble Prize, Advanced Imaging Conference, San Jose, USA 2006.

Discovery of a small asteroid 4766 *Malin* of mag. 12.9 wanders between Mars and Jupiter.

1986 discovery of the largest known galaxy in the universe, now named Malin-1

Publications

Scientific papers in refereed journals – 81

Other scientific papers – 85

see - www.davidmalin.com/dfm/general/scipap.html

Essays, contributed pieces, book chapters, reviews and general articles in popular journals – 145.

Books – 12 see - www.davidmalin.com/dfm/general/genpap.html

Patents

Treatment of Phthalocyanine Pigments British Patent 1 140 836 (1966)

<https://patents.google.com/patent/GB1140836A/en>

Phthalocyanine Pigment Treatment. US Patent No. 3 523 030 (1967)

<https://patents.google.com/patent/US3523030>

Solo Photographic Exhibitions

Nightskies, exhibition managed by the British Council in London. Opened in Australia House by Australian Ambassador. Toured to 15 galleries and other venues in the UK, 1997–2001

Nightskies, exhibition managed by the British Council in Sydney. Opened at National Gallery of Victoria by Barry Jones. Toured to 14 galleries and other venues in the Australia, 1997–2001

Nightskies, exhibition managed by the British Council in Beijing and Mumbai. Opened in Beijing by Tony Blair. Toured to many galleries and other venues in China and India, 1997–2001

Nightskies, exhibition managed by the British Council in Cape Town
Toured to 5 galleries and other venues in the South Africa, 1997–1999

Nightskies, exhibition managed by the National Academy of Sciences, Washington D.C.
Toured to 5 galleries and other venues in the USA 1997–2001

1998, May 2 to June 20. *Capturing Ancient Light* Howard Schickler Fine Art Gallery, Broadway, New York

1999, September and October. *The Invisible Universe* Howard Schickler Fine Art Gallery, Broadway, New York

2002, May–July. *David Malin's Platinum Prints*, Edwynn Houk Gallery, New York, NY, USA

2006, May–July. *David Malin's Platinum Prints*, Galerie Carsten Greve, Paris, France

2008, April–May. *David Malin's Platinum Prints*, Städtische Museen Jena, Germany

2007, Sept–Oct. Eugenides Foundation, Athens, Greece (colour photography exhibition in connection with International Year of Astronomy conference).

Other Works in Exhibitions

1999, September 14, Fifteen images in an exhibition at the headquarters of GEO Magazine, Hamburg, Germany. (included public lecture)

1999, June to October, six prints and slides in *COSMOS* exhibition, Musee des Beaux-Arts, Montreal Exhibition travelled to Centre de Cultura Contemporania, Barcelona, November to February, 2000 and Palazzo Grassi, Venice, March 2000).

2000, January 6 to March 31, two prints in *BEYOND APPEARANCES: Imagery in Science* at the Millennium Paine Webber Art Gallery, New York.

2000, 5 August, 20 prints and back-lits in *Cosmic Reflections* in the Konsthall, Lund, Sweden. (included public lecture)

2000, December 20 to February 17, 2001, 13 prints in *De la Terre, du Ciel et de la Mer*. Ville de Montpellier, France. (included public lecture)

2001. Cradle of Aviation Museum, Garden City, NY 11530 USA

2001, February 10 to May 6 *Space Odyssey* at Art Tower Mito, Ibaraki, Japan. (inc. public lecture)

2001 May. Centre for Fine Arts, University of NSW, *ISIS-Symmetry* Exhibition

2001 July, Art Gallery of NSW. Inclusion in Lynette Wallworth's installation, *Space Odyssey* Exhibition

2001 October. California Center for the Arts, Escondido *To The Moon And Beyond* .

2002 March. Video to accompany Ross Edwards' 4th Symphony, *Star Chant*, premiered during Adelaide Festival.

2002 October. Entries in *Images from Science* exhibition, Rochester Institute of Technology, NY USA.

2002 May–October, six prints in *To Mars and Beyond...*, National Museum of Australia & Melbourne Museum, Victoria

2006 May–July, 28 exhibits in *Traversing the Cosmos*, Kiyasato Museum of Photographic Arts, Kiyasato, Japan.

2008 February-March. Invited exhibition of approx 30 images to accompany exhibition of ceramics by Arthur Maclean (inspired by astronomical images) Orange Regional Gallery, NSW.

2009, May–June (Melbourne) and Sept–Oct (Sydney), *'Beyond Visibility—Light and Dust'*
(with Felicity Spear and Gulumbu Yunupingu)

2009, *From Earth to the Universe*, travelling exhibition as part of the International Year of Astronomy, Contributed works. See http://www.fromearthtotheuniverse.org/table_events.php.

2009, Curated Australian version of *From Earth to the Universe* (FETTU) exhibition.

2004-2023, Judged and presented the David Malin Awards (for amateur astronomers) at Parkes, NSW.