



LIST OF PRIZE WINNERS _RECIPIENTS OF THE JAMES CLAYTON PRIZE

07 January 2016

Year	Recipient	Reason	Amount Awarded
1945	Air Commodore Frank Whittle		£1,000
1946	Hayne Constant MA, Professor R V Southwell MA LL D FRS		£1,200
1947	T E Beacham BSc(Eng) J E Sears CBE MA		£1,300
1948	Karl Baumann		£1,350
1949	C C Pounder		£1,450
1950	Sir Harry Ricardo		£1,450
1951	Dr H Roxbee Cox		£1,550
1952	Harold Hillier OBE & Professor H Walker Swift		£1,610
1953	A T Bowden PhD BSc & T W F Brown DSc		£1,616
1954	Sir Christopher Hinton		£1,620
1955	Dr E A Watson OBE		£1,620
1956	Captain E T Smith-Clarke & Herbert John Gough CB MBE DSc		£1,700
1957	Allan William Davis DSc and Paul de Kantzow Dykes PhD Ma		£1,700
1958	William Wunger Heynes and Sir T Ewart SMith MA FRS		£1,700

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1959	Cedric Bernard Dicksee CEng MIMechE and Professor Graham T Mucklow		£1,700
1960	William Ken Wilson MSc DSc(Eng) PhD Wh Ex CEng MIMechE		£1,650
1961	Albert Fogg DSc CEng MIMechE and Professor Edmund Giffen DSc MSc PhD		£1,700
1962	Henry Edward Merritt MBE DSc(Eng) CEng MIMechE and Dr D J Christopherson OBE PhD BA FRS CEng MIMechE		£1,700
1963	P Jackson MSc CEng MIMechE and F B Levetus CEng MIMechE		£1,700
1964	Frank Hathorn Towler CEng MIMechE and A E W Austen PhD BSc CEng MIMechE		£1,700
1965	Frank Hathorn Towler CEng MIMechE and A E W Austen PhD BSc CEng MIMechE		£2,100
1966	Stanley George Hooker CBE DSc DIC DPhil CEng MIMechE FRS and Adrian Albert Lombard CEng MIMechE		£4,200
1967	Frederick Thomas Barwell PhD BSc(Eng) WhSch CEng MIMechE and Frank Nixon BSc CEng MIMechE		£4,000
1968	Dr Frankel Adolph ScTech Dipl Ing CEng FIMechE		£2,000
1969	Albert William Manser CBE BSc CEng FIMechE and Robert Dell OBE CEng FIMechE		£2,000
1970	Professor D B Spalding MA PhD ScD CEng FIMechE		£2,000
1971	G C Eddie BSc CEng FIMechE		£2,000
1972	Professor R E D Bishop MA MS PhD DSc CEng FIMechE		£2,000

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1973	G A Dickinson BSc CEng MIMechE and K Bickerstaff BSc CEng MIMechE		£2,000
1974	T W Bunyan BSc(Eng) CEng FIMechE	In recognition of his contribution to marine engineering, in particular, the design and development of the Keyless Propeller System which has been adopted internationally and which has greatly increased the operational reliability of the tailshaft-propeller assemblies of the very large ships built in the last decade.	£2,400
1974	Professor G R Wray PhD MSc(Tech) CEng FIMechE	For his outstanding innovative work in the field of textile machinery and, in particular, in the development of new techniques for producing unconventional pile fabrics	£2,400
1975	T E Pitkethly BSc CEng MIMechE	In recognition of his services to mechanical engineering in the petroleum industry, in particular his contributions to developments in pipelines, oil and LNG storage, refinery equipment and the recovery of gas and oil from the North Sea. The Forties Field project is the latest venture and is of highest economic importance to the United Kingdom	£3,000
1976	Ernest Martin Eltis and Geoffrey Wilde	For their contribution to Aero-Engines and in particular the RB211 Fan Engine	£3,000
1977	John Tatlock and Roy Lewis Pilling	For their contribution Gas Centrifuge Process for Uranium Enrichment	£3,000
1978	Professor William Bateman Hall BSc MSc FIMechE	His outstanding work in the field of Heat Transfer and for his contributions to international understanding through the spread of knowledge in this area throughout the world	£1,600
1978	Professor Duncan Dowson BSc PhD CEng FIMechE	For his major contribution to mechanical engineering science by way of his research into the establishment and development of fundamental principles in the area of lubrication and wear and the application of this knowledge of tribology to the field of Bio-engineering	£1,600
1979	Professor J Edwards BSc(Eng) FCGI CEng FIMechE	For his contribution in the field of Nuclear Engineering	£1,850
1979	Dr A E Moulton CBE MA DSc FRSA FEng FIMechE	For his contribution to design and innovation particularly in the motor industry.	£1,850
1980	Ltd Cdr D R Taylor MBE RN(Retd) MPhil CEng MIMechE	For his original idea of the Ski-jump launch for V/STOL aircraft	£4,200

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1981	Professor F M Burdekin MA BSc PhD CEng FIMechE and Professor C E Turner PhD DSc(Eng) CEng FIMechE	For their contributions to understanding of the fracture mechanics of engineering materials both research and in teaching	£4,200
1982	J W Fozard OBE DCAe BSc(Hon) Eng CEng FRSEs FIMechE FAIAA	For his major contributions to design and development of the Harrier Aircraft	£4,200
1983	J W Furness CBE	For his contributions to road and vehicle safety and services to the automobile industry at international level.	£5,000
1984	R V Mathews	For his major contribution in the design and engineering of the reversible pump-turbines, valves etc of the Dinorwig Pumped Storage Power Station.	£5,000
1985	John Frederick Coplin BSc FEng ACGI MIMechE and Frank Turner	For their outstanding contributions to the design, technology, development and manufacture of gas turbine engines.	£7,500
1986	James Neville Randle CEng FIMechE	For his outstanding leadership of the Jaguar XJ6 engineering team.	£7,500
1987	Professor William Johnson MA DSc FRS FEng FIMechE	For his contributions to research and engineering education.	£8,000
1988	No Award		
1989	Dr G M MacKay	For his contribution to the development of international road safety engineering	£8,000
1990	No Award		
1991	No Award		
1992	No Award		
1993	Professor G L Wilde	For "A new approach to the Design of the large Turbofan Power Plant"	£9,000
1994	No Award		
1995	R Ashford CBE	For his services to engineering	£11,000
1996	S C Miller	For his outstanding contributions to Aerospace Engineering	£13,000
1997	R F Ayers	For his outstanding contributions to Mechanical Engineering	£13,000

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1998	P C Ruffles	For his outstanding contributions to Aero-Engine Technology	£13,000
1999	Professor A Unsworth	For his contribution during the year to modern engineering sciences in the development of our understanding of the lubrication mechanisms of human joints.	£13,000
2000	Not Awarded	No suitable Nominations	0
2001	No suitable nominations received	-	-
2002	Sir David Robert McMurtry CBE CEng FIMechE FREng	(Awarded jointly in 2002, between McMurtry and Denton). McMurtry - for "the inventions and imaginative applications devised which have had a huge impact not only within engineering, but also in such fields as medicine and sciences".	6,500
2002	Eur Ing Professor John Douglas Denton	(Awarded jointly in 2002, between McMurtry and Denton). Denton - for "his outstanding contribution to, and impact on the design of turbomachinery largely through the development of practical computational methods which have been adopted throughout the world"	6,500
2003	Professor John Spence ARCST BSc MEng PhD DSc CEng FIMechE FRSE FRSA FREng	(Awarded jointly in 2003, between Sharples and Spence). Spence - for "his immense and sustained contribution to engineering research and engineering education".	5,000
2003	Thomas Sharples OBE FREng CEng FIMechE FRAeS	(Awarded jointly in 2003, between Sharples and Spence). Sharples - for "his significant contributions as one of the Institution's most outstanding aircraft engineers to emerge during the latter half of the 20th Century".	5,000
2004	Dr Stephen John Maddox AMIMechE	"for his work in developing procedures, guidelines, UK and European standards for the fatigue design of welded structures".	£5,000 + Certificate
2004	Professor Brian Edward Launder ScD DSc(Eng) DSc DEng Docteur(hc) FRS FREng FIMechE	"for his outstanding contribution to the modelling of flow and convective heat transfer".	£5,000 + Certificate
2005	Professor Ian Kenneth Smith Dipl Ing MSc PhD CEng FIMechE and Professor Nikola Stosic BSc(Eng) DIC PhD CEng FIMechE	"for their outstanding contribution jointly made to the application of twin screw machines to the compressed air, refrigeration and power generation industries".	£5,000 each + Certificate

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2006	Robert A Ainsworth CEng FIMechE	"for his work in developing procedures and guidelines in the structural integrity assessment that are used to underwrite the safety of nuclear plants. His work has evolved to ensure R5 and R6 have become the de facto standards for structural integrity assessment in the nuclear field and he has engineered their lasting impact into many international codes and standards".	£5,000 + Certificate
2006	Dr Timothy Leverton CEng MIMechE	"for leading the JCB Team which built a car to break the World Speed record for a Diesel Powered vehicle on 22nd August 2006".	£5,000 + Certificate
2007	Professor Patrick A McKeown OBE FREng MSc DSc FIMechE	"for his contributions to the development and promotion of the arts and sciences of precision engineering".	£10,000 + Certificate
2008	Not awarded	No suitable nominations received.	-
2009	Not awarded	No suitable nominations received.	-
2010	Not awarded		-
2011	Dr Michael Gilbert James William Howse	"for his significant contributions to the Trent family large turbofan engines and in many other fields including propulsion and power."	£3,333.00 + Certificate
2011	Dr Andrew Farquhar Atkins	"for his pivotal role in the development of the Kinergetics novel high speed flywheel technology."	£3,333.00 + Certificate
2011	Emeritus Professor William McKerrell Banks	"for his high reputation both nationally and internationally, for research achievements and higher education activity."	£3,333.00 + Certificate
2012	Graham Hoare CEng FIMechE	"for his work and the overall lead for the innovative 3-cylinder engine at Ford's Dunton Technical Centre".	£5,000 + Certificate.
2012	Stuart B W Kay CEng FIMechE	"for his contributions to medical device engineering".	£5,000 + Certificate
2013	Not awarded	No suitable nomination received	-
2013	Andy Cowell CEng FIMechE	"For his outstanding contributions in engine design and development in the Formula One world especially V10, V9 and the new V6 and the energy recovery system recently introduced, also for his inspirational leadership at Mercedes Benz".	£10,000 + Certificate