

Past Melchett Award winners

- 1930** Kurt Rummell: The calculation of the thermal characteristics of regenerators.
- 1931** W A Bone: A century of fuel economy.
- 1932** Charles M Schwab
- 1933** Sir John Cadman: The place of oil in the world of fuel.
- 1934** Friedrich Bergius: An inventor's difficulties in building up a large-scale industry.
- 1935** Harry R Ricardo: The progress of the internal-combustion engine and its fuel.
- 1936** Franz Fischer: The conversion of coal into liquid motor fuels and other products by way of carbon monoxide.
- 1937** Morris W Travers: The study of gases.
- 1938** R V Wheeler: Destructive distillation.
- 1939** H A Humphrey: The supply of explosives during the war, and the early history of Billingham.
- 1940** Etienne Audibert
- 1941** Clarence A Seyler: Recent progress in the petrology of coal.
- 1942** Arno C Fieldner: The analysis and testing of coal in relation to its properties and utilisation.
- 1943** E S Grumell: Conservation of resources.
- 1944** J G King: The pattern of fuel research.
- 1945** C H Lander: Team work in research.
- 1946** Sir James Chadwick: Atomic energy and its applications.
- 1947** Kenneth Gordon: Hydrogenation in the fuel and chemical industries.
- 1949** Air Commodore Sir Frank Whittle
- 1950** R J Sarjant: Ignipotence.
- 1951** Prof F H Garner: Combustion processes in engines.
- 1952** Prof D T A Townend: Highways and byways in combustion science.
- 1953** Dr H Hartley: The domestic appliance industry and fuel usage in Great Britain.
- 1954** Dr H H Storch: Problems in the chemistry and chemical utilisation of coal.
- 1955** Dr A Parker: Power, population and prosperity.

- 1956** Sir Alfred Egerton: Methane and its combustion.
- 1957** Sir Christopher Hinton: Nuclear power developments: some experiences of the first 10 years.
- 1959** P O Rosin: A common problem of research and engineering in fuel technology.
- 1960** H C Hottell: Radiative transfer in combustion systems.
- 1961** Sir Harold Hartley (award to MacFarlane): MacFarlane Memorial Lecture.
- 1962** H E Crossley: A contribution to the development of power stations.
- 1963** HRH Prince Philip: Progress by design or accident.
- 1964** Dr Homi Jehangir Bhabha: (no lecture given)
- 1965** F J Dent: Experiences in gasification research.
- 1966** Prof Sir Owen Saunders: Motivation of research.
- 1967** Sir Charles Cawley: Some aspects of formulating a fuel policy.
- 1968** A Ignatieff: Fuels in a developing country.
- 1969** William T Reid: The energy explosion.
- 1970** Prof T E Allibone: The future of power generation in Great Britain.
- 1971** Lord Rothschild: Too old?
- 1972** F T Bacon: Fuel cells and the growing energy problem.
- 1974** Prof Sir Frederick Warner: Individual responsibility in health and safety.
- 1975** Sir John Hill: Nuclear power: the achievements, the problems - and myths.
- 1976** Dr T G Callcott: Coal to burn.
- 1977** Dr J H Chesters: Fuels rush in.
- 1978** Dr G Brunner: The future of the European Community.
- 1979** Dr A W Pearce: Oil - hydrocarbons or BTUs.
- 1980** Sir William Hawthorne: The use of coal.
- 1981** J H Dunster: The assessment of the risks of energy - an iconoclastic view.
- 1982** Dr J A Gray: Gas technology: past and future.
- 1985** Prof J M Beer: Clean combustion of coal, research and applications. An overview of new technology developments in the USA.
- 1986** Prof N Franklin: Swords and ploughshares - nuclear fuel.
- 1987** Sir George Porter: Solar energy - past and future.

- 1988** Dr Frank Fitzgerald: Energy, high technology and economics in modern steelmaking.
- 1989** Mr Neville Chamberlain: Nuclear fuel: the thinking man's alternative.
- 1990** Dr David Lindley: Windpower - a solution to the greenhouse effect.
- 1991** Mr R N Hodge: Energy: the industrial customer's experience and expectations.
- 1992** Dr H L Beckers: Energy future; wishful thinking and reality.
- 1993** Mr Robert Evans: Evolution of natural gas technology - the route to competitive strength.
- 1994** S William Gouse, Jnr: Energy, where have we been and where are we going?
- 1995** Prof John Chesshire: Sustainability and Globalisation; Mirage or Reality?
- 1996** Sir Crispin Tickell: Climate Change
- 1997** I Boustead: Environmental Decisions
- 1998** Dr Brenda Boardman: Energy, Efficiency and Equity
- 1999** Prof Ian Fells: Energy in the next Millennium: On the brink?
- 2000** Walter Patterson: Energy 21: Making the World Work
- 2001** Lord Browne of Madingley: Environmental Policy
- 2002** Dr Mary Archer: Renewable Technology Innovations
- 2003** Sir John Parker: Supplying Britain's gas and electricity - will lessons from the past help the industry face new changes?
- 2004** Sir Roy Gardner: Talent is key to success
- 2005** Vincent de Rivaz HonFEI, Chief Executive, EDF Energy
- 2008** Andrew Warren FEI, Director, Association for the Conservation of Energy
- 2010** Prof Jim Skea OBE FEI
- 2011** Prof Allan Jones CSci FEI
- 2013** Prof David MacKay, Chief Scientific Advisor, Department of Energy and Climate Change
- 2014** Lord Oxburgh of Liverpool KBE HonFEI
- 2016** Prof Sir David King HonFEI, Foreign Secretary's Special Representative for Climate Change, Foreign & Commonwealth Office
- 2017** Dr Fatih Birol HonFEI, Executive Director, International Energy Agency
- 2019** Prof Sir Jim McDonald FRC FEI, President of the Royal Academy of Engineering