



# IStructE Gold



## 1922 Henry Adams

*...in recognition of his services to the Institution and of his long and distinguished services as Chairman of the Board of Examiners*



## 1962 William Glanville

*...for distinguished contributions to structural engineering with special reference to road building*



## 1953 John Baker

*...for his services to structural engineering science over a long period in connection with the Steel Structures Research Committee of the Department of Scientific and Industrial Research and of his continued interest and research into problems of structural design as envisaged by the Plastic Theory*



## 1964 John Guthrie Brown

*...for services to the Institution and his distinguished contribution to engineering at large*



## 1957 Eugene Freyssinet\*

*...for his services to structural engineering science over a long period in connection with the use and development of prestressed concrete) (\*first to be awarded to a non-member)*



## 1967 Pier Luigi Nervi

*...in recognition of his imaginative contributions to the advancement of structural design which are an inspiration to his own and future generations of structural engineers*



## 1958 Hardy Cross

*...for his outstanding contribution to the science and art of structural engineering during the past forty years (in particular the Moment Distribution Method)*



## 1968 Sir Alfred Pugsley

*...in recognition of his services to the Institution and for originating a general philosophy of structural safety based on a statistical analysis of the probability of failure*



## 1960 Felix Candela

*...in recognition of his distinguished services to structural engineering in connection with the development of concrete shell structures*



## 1971 Knud Johansen

*...in recognition of his contributions to structural engineering design particularly by the development of the Yield Line Theory*

# Medallists 1922-2008



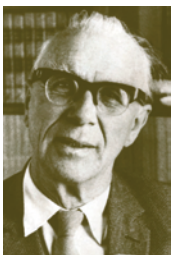
## 1972 Yves Guyon

*...for his pioneering work in the design of notable prestressed concrete structures ...and his lifetime contribution to the practice of structural engineering of which he has been a devoted and unselfish servant*



## 1979 Nathan Newmark

*...for his achievement in structural analysis, in research into structural dynamics and in structural design*



## 1973 Ove Arup

*...for his contributions to structural engineering through his rare ability to influence the thoughts of his colleagues – engineers and architects alike – in fundamental matters of form, function and structure*



## 1980 Riccardo Morandi

*...to mark his creation of novel bridge structures to exploit the potential of prestressed concrete*



## 1973 Charles Husband

*...in recognition of his contributions to engineering science as exemplified by his achievements in a wide range of engineering work at home and overseas and by his original developments in the field of large steerable telescopes for radio astronomy and aerials for satellite radio communication*



## 1981 Alec Skempton

*...for his contributions to the theory and practice of soil mechanics, particularly as they affect the foundations of buildings, and for his contributions to the history of structural engineering*



## 1975 Fritz Leonhardt

*...in acknowledgment of his original contribution in all areas of structural engineering design exemplified by his work and his numerous publications*



## 1984 Alan Harris

*...in recognition of his pioneer work in introducing and promoting the use of prestressed concrete in the United Kingdom*



## 1977 Oleg Kerensky

*...in recognition of outstanding contributions to the science and art of structural engineering and in appreciation of the very special inspiration of his continuing concern for innovation, competence, integrity and social awareness*



## 1985 Frank Newby

*...for his contribution to the standard of structural engineering in a large number of very famous buildings*



**1986 Michael Horne**

*...for his past and present contribution to structural engineering research and practice*



**1991 Olgierd Zienkiewicz**

*...for his outstanding contribution to the fundamentals of engineering analysis through what became known as the Finite Element Method*



**1987 Alan Davenport**

*...for his past and present contribution to meteorology, structural engineering, building aerodynamics and earthquake risk, as well as in the field of wind engineering*



**1992 Santiago Calatrava**

*...for his major contribution and his creativity in combining architecture and engineering to produce deeply satisfying, yet functional and highly innovative structures*



**1988 Anthony Flint**

*...for his outstanding contribution to both the theory and practice of structural engineering ...highly regarded throughout the engineering profession, particularly for his work on non-linear structures*



**1994 Anthony Hunt**

*...for his contribution to the practice of structural engineering involving constant high standards in design and detailing, so providing examples of innovation and the use of both new and traditional materials in their appropriate context*



**1988 Jack Zunz**

*...for his personal achievements in leading one of the world's foremost firms of structural engineers (Ove Arup & Partners) over many years*



**1996 Michel Virlogeux**

*...for his contributions to the design and construction of major bridges in Europe involving steel, concrete and composite construction, and particularly the application of cable-stayed technology*



**1990 Jorg Schlaich**

*...for his outstanding contributions to the practice of structural engineering*



**1997 John Burland**

*...for work in geotechnics and structural engineering and, in particular, contributions to field testing and monitoring of real structures leading to a better understanding of soil-structure interaction and improved safety and economy of engineering structures*



**1991 Edmund Happold**

*...for his outstanding contributions to the design, practice, and education in structural engineering, as well as his contribution to coordination of the construction industry in general*



**1998 Frederick Burdekin**

*...for his contribution to applications of fracture mechanics and fatigue of welded structures, to teaching and research concerning design of welded structures and to consultancy*



### 1999 William Ian Liddell

*...for his considerable contributions to structural engineering, including the design of structures such as the Millennium Dome, Sydney Opera House, Drax Power Station, British Embassy, Riyadh, and many more around the world*



### 2006 Roger Johnson

*...in recognition of his international reputation for research in composite construction and an acknowledgement of his work as Chairman of the Eurocode 4 drafting Committee and his efforts in harmonising research work and code compilation with the practice of structural engineering*



### 2000 Duncan Michael

*...for his distinguished contribution to structural engineering on key projects in the UK, Hong Kong, Australia and many other countries around the world; for his involvement in a broad range of structural engineering education activities, and for his strong support and involvement with the Institution*



### 2007 Joseph Locke MBE

*...for his truly outstanding reputation as an international constructional steelwork engineer, unstinting services to the structural steelwork industry and extensive support and involvement with The Institution of Structural Engineers*



### 2001 Cheng Hon Kwan

*...for his personal contribution in establishing structural engineering as a pre-eminent profession in the Hong Kong Special Administrative Region (HKSAR) of the People's Republic of China*



### 2008 Michael John Glover

*... for his outstanding contributions to the design and construction of major multi-disciplinary projects, including tall buildings, energy projects and large transportation and infrastructure projects around the world*



### 2003 Sam Thorburn OBE

*...for his personal contribution in developing and practising the art and science of both foundation and structural engineering*



### 2004 Leslie Robertson

*...for his unique contribution to structural engineering as the leading designer of several of the world's tallest buildings*



### 2005 John Roberts

*...for successfully injecting a great deal of excitement into structural engineering and managing personally to make it accessible to a very wide audience*

The pictures of Ove Arup and Jack Zunz are courtesy of Arup and that of Knud Johansen is courtesy of the Technical University of Denmark.

NB: Titles and decorations are given if existing at time of the Gold Medal Award.