

# FIELDS MEDAL WINNERS

|   |   |  |  |   |  |   |   |
|---|---|--|--|---|--|---|---|
| <br><b>1936: Lars Ahlfors</b><br>Riemann surfaces                 | <br><b>1936: Jesse Douglas</b><br>Plateau problem            | <br><b>1950: Laurent Schwartz</b><br>functional analysis          | <br><b>1950: Atle Selberg</b><br>number theory                          | <br><b>1954: Kunihiko Kodaira</b><br>algebraic geometry        | <br><b>1954: Jean-Pierre Serre</b><br>algebraic topology                  | <br><b>1958: Klaus Roth</b><br>number theory                     | <br><b>1958: René Thom</b><br>topology                   |
| <br><b>1962: Lars Hörmander</b><br>partial differential equations | <br><b>1962: John Milnor</b><br>differential topology        | <br><b>1966: Michael Atiyah</b><br>topology                       | <br><b>1966: Paul Cohen</b><br>set theory                               | <br><b>1966: Alexandre Grothendieck</b><br>algebraic geometry  | <br><b>1966: Stephen Smale</b><br>topology                                | <br><b>1970: Alan Baker</b><br>number theory                     | <br><b>1970: Heisuke Hironaka</b><br>algebraic geometry  |
| <br><b>1970: Sergey Novikov</b><br>topology                      | <br><b>1970: John Thompson</b><br>group theory              | <br><b>1974: Enrico Bombieri</b><br>number theory                | <br><b>1974: David Mumford</b><br>algebraic geometry                   | <br><b>1978: Pierre Deligne</b><br>algebraic geometry         | <br><b>1978: Charles Fefferman</b><br>classical analysis                 | <br><b>1978: Gregori Margulis</b><br>Lie groups                 | <br><b>1978: Daniel Quillen</b><br>algebraic K-theory   |
| <br><b>1983: Alain Connes</b><br>operator theory                | <br><b>1983: William Thurston</b><br>topology              | <br><b>1983: Shing-Tung Yau</b><br>differential geometry        | <br><b>1986: Simon Donaldson</b><br>topology                          | <br><b>1986: Gerd Faltings</b><br>Mordell conjecture         | <br><b>1986: Michael Freedman</b><br>Poincaré conjecture                | <br><b>1990: Vladimir Drinfeld</b><br>algebraic geometry       | <br><b>1990: Vaughan Jones</b><br>knot theory          |
| <br><b>1990: Shigefumi Mori</b><br>algebraic geometry           | <br><b>1990: Edward Witten</b><br>superstring theory       | <br><b>1994: Jean Bourgain</b><br>analysis                      | <br><b>1994: Pierre-Louis Lions</b><br>partial differential equations | <br><b>1994: Jean-Christophe Yoccoz</b><br>dynamical systems | <br><b>1994: Efim Zelmanov</b><br>group theory                          | <br><b>1998: Richard Borcherds</b><br>mathematical physics     | <br><b>1998: William Gowers</b><br>functional analysis |
| <br><b>1998: Maxim Kontsevich</b><br>mathematical physics       | <br><b>1998: Curtis McMullen</b><br>chaos theory           | <br><b>2002: Laurent Lafforgue</b><br>number theory             | <br><b>2002: Vladimir Voevodsky</b><br>algebraic geometry             | <br><b>2006: Andrei Okounkov</b><br>mathematical physics     | <br><b>2006: Grigori Perelman</b><br>geometry<br>(He refused the award) | <br><b>2006: Terence Tao</b><br>partial differential equations | <br><b>2006: Werner Wendelin</b><br>geometry           |
| <br><b>2010: Elon Lindenstrauss</b><br>ergodic theory           | <br><b>2010: Ngô Bảo Châu</b><br>algebraic geometry        | <br><b>2010: Stanislav Smirnov</b><br>mathematical physics      | <br><b>2010: Cédric Villani</b><br>mathematical physics               | <br><b>2014: Artur Avila</b><br>dynamic systems theory       | <br><b>2014: Manjul Bhargava</b><br>geometry of numbers                 | <br><b>2014: Martin Hairer</b><br>stochastic pd equations      | <br><b>2014: Maryam Mirzakhani</b><br>Riemann surfaces |
| <br><b>2018: Caucher Birkar</b><br>algebraic geometry           | <br><b>2018: Alessio Figalli</b><br>calculus of variations | <br><b>2018: Peter Scholze</b><br>arithmetic algebraic geometry | <br><b>2018: Akshay Venkatesh</b><br>number theory                    | <br><b>2022: Hugo Duminil-Copin</b><br>statistical physics   | <br><b>2022: June Huh</b><br>geometric combinatorics                    | <br><b>2022: James Maynard</b><br>analytic number theory       | <br><b>2022: Maryna Viazovska</b><br>sphere packing    |

