



# The 2006 Fields Medals





## 2006 Fields Medal Committee

Enrico Arbarello (Italy)

John Ball (UK, Chair)

Jeff Cheeger (USA)

Donald Dawson (Canada)

Gerhard Huisken (Germany)

Curtis McMullen (USA)

Alexey Parshin (Russia)

Tom Spencer (USA)

Michèle Vergne (France)



## Instructions to the Fields Medal Committee

- To choose at least two, with a strong preference for four, Fields Medallists.
- To have regard in its choice to representing a diversity of mathematical fields.
- A candidate's 40th birthday must not occur before January 1st of the year of the Congress at which the Fields Medals are awarded.



# Andrei Okounkov



**Department of  
Mathematics  
Princeton University**

for his contributions bridging probability,  
representation theory and algebraic geometry



# Grigori Perelman

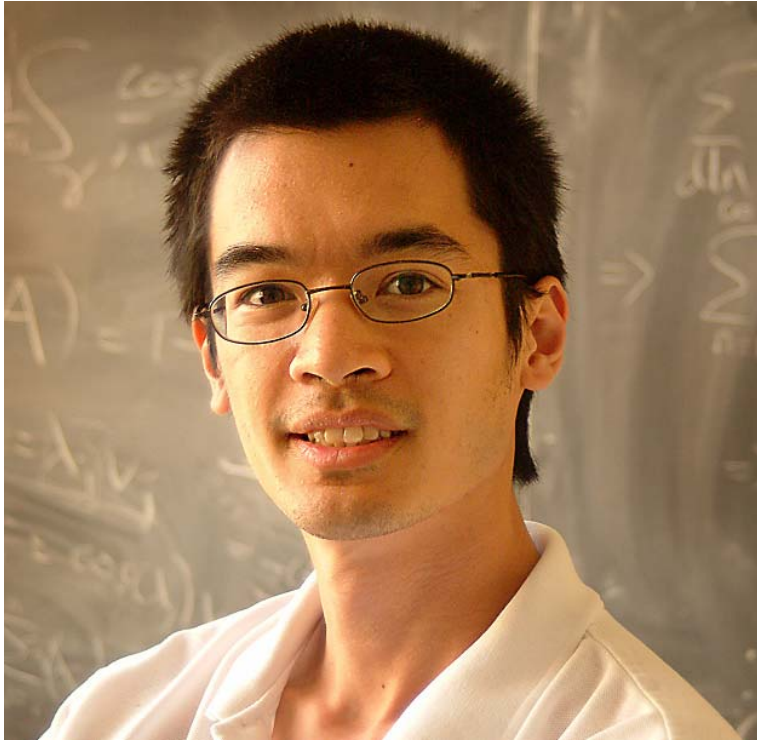


**St Petersburg**

for his contributions to geometry and his revolutionary insights into the analytical and geometric structure of the Ricci flow



# Terence Tao



**Department of  
Mathematics  
University of California  
at Los Angeles (UCLA)**

for his contributions to partial differential equations, combinatorics, harmonic analysis and additive number theory



# Wendelin Werner



**Laboratoire de  
Mathématiques  
Université Paris-Sud**

for his contributions to the development of stochastic Loewner evolution, the geometry of two-dimensional Brownian motion, and conformal field theory