



Pius XI Medal



With the goal of promoting scientific research, the Pius XI Medal is awarded by the Pontifical Academy of Sciences every two years to a young scientist under the age of 45, chosen by the Academic body for his or her exceptional promise. A few of the winners have also become members of the Academy (see active links).

Winners of the Pius XI and Pius XII Prizes 1939-43

- 1939 Corneille J.F. Heymans (Belgium) *Life Sciences*
- 1942 Harlow Shapley (USA) *Astronomy* (Award info)
- 1943 Emanuel De Margerie (France) *Earth Sciences* (Award info)

The Pius XI Medal 1961-2012

- 1961 B. Woodward (USA) *Chemistry* (Award info)
- 1962 Bengt E. Andersson (Sweden) *Life Sciences* (Award info)
- 1963 Aage Bohr (Denmark) *Physics* (Award info)
- 1964 François Gros (France) *Life Sciences* (Award info)
- 1966 Alan R. Sandage (USA) *Astronomy* (Award info)
- 1970 Haruo Kanatani (Japan) *Life Sciences* (Award info)
- 1972 György Némethy (Hungary) *Physics* (Award info)
- 1975 Stephen W. Hawking (UK) *Astronomy* (Award info)
- 1976 Lucio Luzzatto (Italy) *Life Sciences* (Award info)
- 1979 Antonio Paes de Carvalho (Brazil) *Life Sciences* (Award info)
- 1981 Jean-Marie Lehn (France) *Chemistry* (Award info)
- 1983 Gerardus 't Hooft (Netherlands) *Physics*
- 1986 Elizabeth A. Bernays (Australia) *Life Sciences*
- 1988 Luís A. Caffarelli (Argentina) *Mathematics* (Award info)
- 1992 Adi Shamir (Israel) *Other Disciplines*
- 1996 Mark M. Davis (USA) *Chemistry* (Award info)
- 2000 Gillian P. Bates (UK) *Life Sciences* (Award info)
- 2000 Stephen W. Davies (UK) *Life Sciences* (Award info)
- 2002 Stanislas Dehaene (France) *Life Sciences* (Award info)

2002 Juan M. Maldacena (USA) *Physics* (Award info)
2004 Laure Saint-Raymond (France) *Mathematics* (Award info)
2006 Ashoka Sen (India) *Physics* (Award info)
2008 Juan A. Larraín (Chile) *Life Sciences* (Award info)
2010 Patrick Mehlen (France) *Biology* (Award info)
2012 Trees-Juen Chuang (Taiwan) *Genomics* (Award info)
2012 Ulrich Pöschl (Austria) *Chemistry* (Award info)
2014 Cédric Villani (France) *Mathematics* (Award info)
2016 Mariano Sigman (Argentina) *Neurosciences* (Award info)
2018 Noble Ephraim Banadda (Uganda), David M. Sabatini (USA), Miriam Serena Vitiello (Italy) (Award info)