

COSPAR AWARDS/MEDALS**COSPAR SPACE SCIENCE AWARD**

The COSPAR Award honors a scientist who has made outstanding contributions to space science. All scientists working in any field covered by COSPAR are eligible for this award.

Previous recipients:

2014	David J. McComas	2004	Jacques E. Blamont	1996	Minoru Oda
2014	Jean-Loup Puget	2004	Vasily I. Moroz	1994	Gerhard G. Haerendel
2012	Janet Luhmann	2002	Stamatios M. Krimigis	1994	Joachim E. Trümper
2010	Günther Hasinger	2002	Christopher T. Russell	1992	Edward C. Stone Jr.
2010	Steven W. Squyres	2000	Roger M. Bonnet	1990	John A. Simpson
2008	George Gloeckler	2000	Donald M. Hunten	1988	Konstantin I. Gringauz
2008	Ken Pounds	1998	Catherine Cesarsky	1988	S.L. Mandelshtam
2006	Eberhard Gruen	1998	Marcia Neugebauer	1986	Ludwig F. Biermann
2006	Atsuhiko Nishida	1996	Norman F. Ness	1984	James A. Van Allen

COSPAR INTERNATIONAL COOPERATION MEDAL

This medal is awarded to a scientist who has made distinguished contributions to space science and whose work has contributed significantly to the promotion of international scientific cooperation. All scientists working in any field covered by COSPAR are eligible for this medal. This medal may also be awarded to a group of scientists.

Previous recipients:

2014	Carlé McGetchin Pieters	2002	André Brack	1988	Cornelis de Jager
2012	Roger-Maurice Bonnet	2000	John H. Carver	1986	The Inter-Agency Consultative Group
2010	Lee-Lueng Fu and Yves Ménard	1998	Reimar Lüst	1984	Roald Z. Sagdeev
2008	Marvin A. Geller	1996	Anatoli I. Grigoriev		
2006	Raymond A. Greenwald	1994	Ranjan R. Daniel		
2004	Stephen S. Holt	1992	Hubert Curien		
		1990	Bengt Hultqvist		

COSPAR WILLIAM NORDBERG MEDAL

This medal commemorates the work of the late William Nordberg and is awarded to a scientist who has made a distinguished contribution to the application of space science in a field covered by COSPAR.

Previous recipients:

2014	Mikhail Ya. Marov	2004	Louis J. Lanzerotti	1994	Pierre Morel
2012	Herbert Fischer	2002	Moustafa Chahine	1992	John Theodore Houghton
2010	Kuo-Nan Liou	2000	Kenichi Ijiri	1990	Desmond G. King-Hele
2008	Joe Waters	1998	Anne M. Thompson	1988	S. Ichtiaque Rasool
2006	John P. Burrows	1996	Charles Elachi		

COSPAR MASSEY AWARD

This award honors the memory of Sir Harrie Massey, FRS, past Physical Secretary of the Society and past member of the COSPAR Bureau. The award consists of a gold medal and a prize of 500 guineas. This award recognizes outstanding contributions to the development of space research, interpreted in the widest sense, in which a leadership role is of particular importance. These are the only requirements, and the award is open to all candidates from any country.

Previous recipients:

2014	Eugene Churazov	2004	Yasuo Tanaka	1996	Johannes Geiss
2012	Neil Gehrels	2002	Giovanni Bignami	1994	Robert Wilson
2010	Harvey Tananbaum	2002	Jacques Paul	1992	Herbert Friedman
2008	Giovanni G. Fazio	2000	Stuart C. Bowyer	1990	Hendrik C. van de Hulst
2006	Charles Elachi	1998	Rashid A. Sunyaev		

Nominations for the four awards above must be signed or endorsed by a COSPAR Bureau member, a representative of a COSPAR National or Scientific Union member, a member of the COSPAR Scientific Advisory Committee, a COSPAR Scientific Commission or Panel chair or vice-chair, or by a previous recipient of a COSPAR honor (except Zeldovich Medal or Outstanding Paper Award).

COSPAR DISTINGUISHED SERVICE MEDAL

This medal recognizes extraordinary services rendered to COSPAR over many years.

Previous recipients:

2012	Peter Willmore	1996	Richard C. Hart
2010	Margaret Ann Shea	1994	Antal J. Somogyi
2008	Isaac Révah	1993	Jean-François Denisse
2001	Stanislaw Grzedzielski	1992	Zdzislaw Niemirowicz

Nominations for the Distinguished Service Medal must be signed or endorsed by a member of the COSPAR Bureau.

Nominations for the five awards above will be considered by an Awards Committee appointed by the Bureau. After considering the recommendations of the Awards Committee, the Bureau will make a final selection.

JOINT AWARDS/MEDALS

VIKRAM SARABHAI MEDAL

This medal is awarded by the Indian Space Research Organization (ISRO) in honor of Vikram Sarabhai, considered one of the architects of modern India. The medal is awarded for outstanding contributions to space research in developing countries. For a candidate to be eligible for this award, her or his relevant work must have been carried out mainly in the five year period ending one year before the COSPAR Scientific Assembly at which the medal is to be presented. This award is open to candidates from any country.

Previous recipients:

2014	Gurbax Singh Lakhina	2004	A. Peter Willmore	1994	Jacques E. Blamont
2012	Rafael Navarro-Gonzalez	2002	Ronglan Xu	1992	C.-Y. Tu
2010	Zuyin Pu	2000	Zhen-Xing Liu	1990	Vladimir A. Kotelnikov
2008	Mangalathayil A. Abdu	1998	D. James Baker		
2006	Marcos E. Machado	1996	U.R. Rao		

JEOUJANG JAW AWARD

The Jeoujang Jaw Award, bestowed jointly by the Chinese Academy of Sciences and COSPAR, recognizes scientists who have made distinguished pioneering contributions to promoting space research, establishing new space science research branches and founding new exploration programs.

2014	Sir Martin Sweeting FRS	2010	Calvin T. Swift
2012	Robert P. Lin	2008	James L. Burch

ZELDOVICH MEDAL

The Zeldovich Medals are conferred by the Russian Academy of Sciences to young scientists, under 36 on the last day of the year in which the Medals are to be presented, to recognize excellence and achievement. They honor the memory of the distinguished astrophysicist Academician Yakov B. Zeldovich and consist of a medal and a certificate.

Previous recipients:

<p><u>2018</u></p> <p>Commission A Commission B Commission C Commission D Commission E Commission F Commission G Commission H</p>	<p><u>2016</u></p>	<p><u>2014</u></p> <p>Jérôme Bouffard Diego Turrini C. Vineeth Anton Artemyev Nanda Rea Luca Mariotti J.M. Ezquerro Navarro Benny Rievers</p>
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	<u>2012</u>	<u>2010</u>	<u>2008</u>
Commission A	Jadunandan Dash	Paul I. Palmer	Kauzar Saleh Contell
Commission B	Bethany L. Ehlmann	Anna A. Fedorova	No award
Commission C	Tatsuhiko Yokoyama	Jiuhou Lei	Jonathan J. Makela
Commission D	Jonathan P. Eastwood	Yasuhito Narita	Olena Podladchikova
Commission E	Makoto Uemura	Vito Sguera	Sergey A. Bogachev
Commission F	Chiara La Tessa	Oleg A. Gusev	Thomas Berger
Commission G	Michael Lukasser	Junichiro Shiomi	Farzam Zoueshtiagh
Commission H	Peter J. Wass	John William Conklin	Tim van Zoest
	<u>2006</u>	<u>2004</u>	<u>2002</u>
Commission A	Olga V. Kalashnikova	Christa D. Peters-Lidard	Steven R. Jayne
Commission B	Tristan Guillot	Hideyo Kawakita	Francois Forget
Commission C	Marina Galand & Viviane Pierrard	No award	Vladimir Truhlik
Commission D	Vladislav Izmodenov	Elizabeth A. Lucek	Anatoli A. Petrukovich
Commission E	Mikhail Revnivtsev	Alexey A. Vikhlinin	Toshifumi Shimizu
Commission F	Natalie Baecker	Irina V. Shumilina	Patrice Coll
Commission G	Ichiro Ueno	Thomas Boeck	Pierre Colinet
Commission H	Diana Shaul	William J. Weber	Robert W. Brumley
	<u>2000</u>	<u>1998</u>	<u>1996</u>
Commission A	Sarah T. Gille	Jochen Harnisch	Franz H. Berger
Commission B	Roland Meier	Jane Luu	Emmanuel Lelouch
Commission C	Stephen D. Eckermann	Patrick G.J. Irwin	Shun-Rong Zhang
Commission D	Vassilis Angelopoulos	Masafumi Hirahara	Michele K. Dougherty
Commission E	Takeshi Tsuru	Sergei A. Grebnev	Tadayasu Dotani
Subcm. D2/E2		Taro Sakao	Gary P. Zank
Commission F	Max P. Bernstein	Etienne de Vanssay	Dimitry O. Meshkov
Commission G	Jens P. Leyoldt	Yuko Inatomi	No award
Commission H	Alberto Vecchio	Yusuf R. Jafry	
	<u>1994</u>	<u>1992</u>	<u>1990</u>
Commission A	Iván Csiszár	Robert R. Leben	Bernard Pinty
Commission B	Philippe Zarka	N.G.M. Thomas	Jonathan I. Lunine
Commission C	Oleg I. Korablev	Dmitry V. Titov	Michael Lockwood
Commission D	Sandra C. Chapman	Yoshiharu Omura	Karl-Heinz Glassmeier
Commission E	Eugene Churazov	Marat R. Gilfanov	Michiel van der Klis
Commission F	David T. Smernoff	Ruth Hemmersbach-Krause	Alexey M. Alpatov
Commission G	No award	Stefan van Vaerenbergh	Johannes Baumgartl

Nominations for joint awards must be signed or endorsed by a COSPAR Bureau member, a representative of a COSPAR National or Scientific Union member, a member of the COSPAR Scientific Advisory Committee, a COSPAR Scientific Commission or Panel chair or vice-chair, a member of the sponsoring Academy or Agency, or by a previous recipient of a COSPAR honor (except Zeldovich Medal or Outstanding Paper Award).

Nominations for the three joint awards above will be reviewed by the COSPAR Awards Committee (and Scientific Commission officers in the case of the Zeldovich Medal). The Bureau will submit a short list of candidates, in order of preference, to the relevant Academy or Agency stating the total number of candidates and explaining the reasons for ordering the list as presented.

All nominations shall consist of:

- **a filled in nomination form signed by a person authorized to nominate,**
- **a curriculum vitae with a general description of the space research activity of the nominee, and**
- **a list of significant, selected publications, not more than about 20. The publications most relevant to the award should be clearly identified.**

All nominations must reach the COSPAR Secretariat no later than end November of the calendar year preceding the Scientific Assembly, i.e., 30 November 2015 for the Assembly in 2016.