

IEEE Signal Processing Society
Society Award
(formerly known as the Pioneer In Speech Communication Award)

The Society Award honors outstanding technical contributions in a field within the scope of the IEEE Signal Processing Society and outstanding leadership in that field.

2015	Alfred O. Hero , for contributions to the field of statistical signal and image processing and for sustained service to the Society.
2014	K. J. Ray Liu , for influential technical contributions and profound leadership impact.
2013	Al Bovik , for fundamental contributions to digital image processing theory, technology, leadership and education. Alan S. Willsky , for fundamental contributions to probabilistic modeling and for pioneering work in the development and application of multi-resolution statistical methods.
2012	José M. F. Moura , for outstanding technical contributions and leadership in signal processing.
2011	H. Vincent Poor , for fundamental technical contributions to, and leadership in, statistical signal processing and its applications to wireless communications and related fields.
2010	Martin Vetterli , for fundamental contributions to signal processing theory, technology and education.
2009	Rama Chellappa , for pioneering and fundamental contributions to image and video-based analysis and understanding.
2008	Edward J. Delp , for technical contributions to the areas of multimedia security and image and video coding.
2007	Rabab Kreidieh Ward , for outstanding technical contributions and leadership in advancing the field of signal and image processing.
2006	Petre Stoica , for outstanding contributions to the theory and applications of statistical signal processing through fundamental research papers and prominent books.
2005	Sadaoki Furui , for outstanding research contributions and leadership in the speech processing area of the IEEE Signal Processing Society.
2004	Louis Scharf , for sustained technical contributions in the area of statistical signal processing and voluntary services to IEEE Signal Processing Society.
2003	David C. Munson, Jr. , for exceptional contributions, both technical and in service, to the Signal Processing Community.
2002	Allen Gersho , for contributions to signal processing and signal compression.
2001	Sanjit K. Mitra , for important and significant contributions to analog and digital signal processing and image processing.
2000	Mos Kaveh , for pioneering technical contributions and outstanding leadership in the development, theoretical analysis, and experimental performance of adaptive sensor array signal processing algorithms.

1999	Bede Liu , for outstanding theoretical contributions and technical leadership in digital signal processing.
1998	Bernard Widrow , for pioneering and lasting contributions to the fields of adaptive signal processing, adaptive control, and artificial neural networks.
1997	Frederik Jelinek , for his pioneering work in developing the statistical approach to continuous large vocabulary speech recognition.
1996	Fumitada Itakura , for his invention of the Itakura-Saito distortion measure for linear prediction based speech analysis, coding and recognition, and the Line Spectral Pair representation for efficient quantization of LPC parameters.
1995	James H. McClellan , for long-standing and outstanding contributions to signal processing theory, practice, and education and to the IEEE Signal Processing Society.
1994	C. Sidney Burrus , for technical leadership in filter design and fast transform algorithms and for signal processing education.
1993	Robert M. Gray , for pioneering contributions to the theory and design of data compression and classification systems based on the ideas of vector quantization and decision trees.
1992	Bishnu S. Atal , for contributions to speech coding based on the ideas of linear production of speech, and multipulse and code excited source coding.
1991	Thomas S. Huang , for contributions and leadership in the areas of image and multidimensional signal processing.
1990	T. Kailath .
1989	R. M. Mersereau .
1988	J. Makhoul .
1987	T. W. Parks .
1986	K. Steiglitz .
1985	B. Gold .
1984	C. M. Rader .
1983	J. W. Cooley .
1982	R. W. Schafer .
1981	J. F. Kaiser .
1980	L. R. Rabiner .

1979	A. V. Oppenheim.
1978	H. W. Schuessler.
1977	H. S. McDonald.
1976	None selected.
1975	J. L. Flanagan.
1972	F. S. Cooper.
1967	H. W. Dudley.