IEEE Signal Processing Society
<u>Norbert Wiener Society Award</u>
(formerly known as the Society Award and 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.

2022	**Richard Baraniuk**, for fundamental contributions to sparsity-based signal processing and pioneering broad dissemination of open educational resources.
2021	**Sergios Theodoridis**, for seminal contributions to leadership, research and education in signal processing.
2020	**Ali H. Sayed**, for contributions to adaptive and statistical signal processing and outstanding leadership in the Signal Processing Society.
2019	**Georgios B. Giannakis**, for fundamental contributions to statistical signal processing, especially for networking and communications, and for outstanding mentoring of young researchers.
2018	**John R. Treichler,** for contributions and leadership in the practical use of adaptive digital signal processing and for sustained service to the Society.
2017	**Alejandro (Alex) Acero,** for contributions to speech technology and leadership in the signal processing community.
2016	**P. P. Vaidyanathan,** for his pioneering contributions to signal processing theory and education.
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.**

Year	Recipient
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	No Recipient.
1975	J. L. Flanagan.
1972	F. S. Cooper.
1967	H. W. Dudley.