# Carl Friedrich Gauss Education Award

The Signal Processing Society Carl Friedrich Gauss Education Award honors educators who have made pioneering and significant contributions to signal processing education.

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Contributions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>Stephen J. Young</td>
<td>for contributions to education in the speech and language processing area.</td>
</tr>
<tr>
<td>2020</td>
<td>Louis L. Scharf</td>
<td>for sustained contributions to education and mentorship in statistical signal processing.</td>
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<tr>
<td>2019</td>
<td>Peter Stoica</td>
<td>for lifetime contributions to education and mentoring in statistical signal processing.</td>
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<tr>
<td>2018</td>
<td>Stéphane Mallat</td>
<td>for contributions to education in wavelet- and sparsity-based methods and their mathematical foundations.</td>
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<tr>
<td>2017</td>
<td>C.-C. Jay Kuo</td>
<td>for contributions to signal, image and multimedia education.</td>
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<tr>
<td>2016</td>
<td>No recipient.</td>
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<tr>
<td>2015</td>
<td>Ali H. Sayed</td>
<td>for the writing of scholarly and influential texts in the areas of adaptive systems and statistical signal processing.</td>
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<tr>
<td>2014</td>
<td>Sergios Theodoridis</td>
<td>for sustained contributions to education in the area of Machine Learning for Signal Processing.</td>
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<tr>
<td>2013</td>
<td>Dimitris Manolakis</td>
<td>for fundamental contributions to education in signal processing and algorithms for adaptive filtering and hyperspectral target detection.</td>
</tr>
<tr>
<td>2012</td>
<td>Richard G. Lyons</td>
<td>for sustained success in clarifying the intricacies of signal processing, and significant contributions improving the understanding of, and promoting, practical DSP.</td>
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<tr>
<td>2011</td>
<td>P. P. Vaidyanathan</td>
<td>for fundamental contributions to education in signal processing and multirate filter bank theory and methods.</td>
</tr>
<tr>
<td>2010</td>
<td>Richard Baraniuk</td>
<td>for founding and promoting Connexions, a website to develop, use, and share free educational content.</td>
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<tr>
<td>2009</td>
<td>Robert M. Gray</td>
<td>for outstanding contributions to education and mentoring in signal processing.</td>
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<tr>
<td>2008</td>
<td>Bede Liu</td>
<td>for outstanding contributions to graduate and undergraduate education and mentoring in signal processing.</td>
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<tr>
<td>2007</td>
<td>Alan C. Bovik</td>
<td>for broad and lasting contributions to image processing education, including popular and important image processing books, innovative on-line courseware, and for the creation of the leading research and educational journal and conference in the image processing field.</td>
</tr>
<tr>
<td>2005</td>
<td>Sanjit Mitra</td>
<td>for outstanding contribution to education and to the writing of scholarly and influential books in the area of digital signal processing. Allen Oppenheim, for fundamental contributions to digital signal processing education and for defining the way signal processing is taught and</td>
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practiced around the world.

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<tr>
<th>Year</th>
<th>Recipient(s)</th>
<th>Contributions</th>
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</thead>
<tbody>
<tr>
<td>2004</td>
<td>Steven Kay, for outstanding contributions in education and in writing scholarly books and texts in the area of statistical signal processing.</td>
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<tr>
<td>2003</td>
<td>John G. Proakis, for fundamental contributions to education through his books on Digital Communications and Digital Signal Processing.</td>
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<tr>
<td>2002</td>
<td>Harry Van Trees, for fundamental contributions to Signal Processing education through his books on Detection, Estimation, and Modulation Theory.</td>
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<tr>
<td>2001</td>
<td>Simon Haykin, for authoring books of high quality, spanning basic signal processing, adaptive filters, communications, neural networks, and intelligent signal processing.</td>
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<tr>
<td>2000</td>
<td>James H. McClellan, Ronald W. Schafer and Mark A. Yoder, for the text, <em>DSP First</em>, the authors have shown how to introduce DSP early in the engineering curriculum and to use it as a vehicle for explaining Engineering ideas.</td>
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