

Microwave Career Award

This award recognizes an individual for a career of meritorious achievement and outstanding technical contribution in the field of microwave theory and techniques. This year's recipient is [Robert J. Wenzel](#).

“For a career of leadership, meritorious achievement, creativity, and outstanding contributions in the fields of microwave theory and techniques.”

Distinguished Service Award

This award recognizes significant contributions and outstanding service to the MTT-S and the microwave profession over a sustained period of time. This year's recipient is [Lawrence R. Whicker](#).

“For his outstanding and dedicated service to the Society.”

Distinguished Educator Award

This award was inspired by the untimely death of Prof. F.J. Rosenbaum (1937–1992), an outstanding teacher of microwave science and a dedicated AdCom Member and contributor. The award recognizes a distinguished educator in the field of microwave engineering and science who best exemplifies the special human qualities of Fred Rosenbaum who considered teaching a high calling and demonstrated his dedication to the Society through tireless service. This year's recipients are [Les Besser](#) and [Kai Chang](#).

“For outstanding achievements as an educator, mentor, and role model of microwave engineers and engineering students.”

Microwave Pioneer Award

This award recognizes an individual or a team not exceeding three persons having made outstanding pioneering technical contributions that advance microwave theory and techniques, described in an archival paper published at least 20 years prior to the year of the award. This year's recipients are the team of [Alan Sokal](#) and [Nathan Sokal](#).

“For development of the Class-E power amplifier.”

Microwave Application Award

This award recognizes an individual or team for out-

standing application of microwave theory and techniques. This year's recipient is [Robert Weigel](#).

“For the development of ultrahigh frequency microwave acoustic devices for wireless communication and sensing.”

Outstanding Young Engineer Award

This award recognizes MTT-S members, who have distinguished themselves through technical achievements, service to the MTT-S, or a combination of both. Nominees must not have reached their 39th birthday and must be an MTT-S member at the time of nomination. This year's recipients are [Christophe Caloz](#) and [Vesna Radisic](#).

Christophe Caloz: “For pioneering contributions to the development of novel concepts and applications of electromagnetic metamaterials.”

Vesna Radisic: “For leadership in the field of microwave applications of defected ground structures, active antennas, and millimeter-wave electronics.”

N. Walter Cox Award

This award was established in recognition of the qualities of N. Walter Cox and his service to the MTT-S prior to his untimely death in 1988. It is given to a Society volunteer whose efforts on behalf of MTT-S best exemplify Walter's spirit and dedication. This year's recipient is [Jenshan Lin](#).

“For exemplary service, given in a spirit of selfless dedication and cooperation.”

Microwave Prize

This award recognizes on an annual basis the most significant contribution by a published paper within the MTT-S's field of interest. Papers under consideration are those published during the calendar year preceding the Fall Meeting of the AdCom. This year's recipients are [Thomas Lüthi](#) and [Christian Mätzler](#).

“For their paper, ‘Stereoscopic Passive Millimeter-Wave Imaging and Ranging,’ *IEEE Transactions on Microwave Theory and Techniques*, MTT-53, pp. 2594–2599 (2005).”

The member grade of Fellow is conferred in recognition of unusual and outstanding professional distinction. It is awarded at the initiative of the IEEE Board of Directors following a rigorous nomination and evaluation process. Individuals receiving this distinction have demonstrated extraordinary contributions to one or more fields of electrical engineering, electronics, computer engineering, or related sciences. This grade is not

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| Edward Ackerman | For contributions to the optimization of analog optical links |
| Fadhel Ghannouchi | For contributions to advanced microwave amplification circuits and subsystems |
| Giovanni Ghione | For contributions to numerical physics-based modeling of passive and active integrated microwave components |
| Ramesh K. Gupta | For contributions to monolithic microwave integrated circuits |
| Stefan Heinen | For contributions to radio frequency integrated circuits and wireless systems |
| Ian Hunter | For contributions to theory and design of microwave filters |
| Charles Jackson | For leadership in the development of high-temperature superconductor microwave devices, quasi-optical techniques, and millimeter-wave subsystems |
| William Jemison | For contributions to microwave photonics for radar and communications |
| Bumman Kim | For contributions to linear power amplifiers, gallium arsenide microwave and millimeter-wave power devices, and monolithic microwave integrated circuits |
| Dalma Novak | For contributions to enabling technologies for the implementation of fiber radio systems |
| Hiroyo Ogawa | For contributions to microwave and millimeter-wave technology |
| Aaron Oki | For technical innovation in advancing gallium arsenide and indium phosphide microelectronics technology |
| Abbas Omar | For contributions to techniques for the analysis of microwave structures |
| Jose Pedro | For contributions to nonlinear distortion analysis of microwave devices and circuits |
| Jan Verspecht | For contributions to the area of large-signal microwave measurements |
| John Wood | For contributions to the nonlinear microwave device and behavioral modeling, and technology |

conferred automatically on nomination — only a fraction of those nominated are elected. Sixteen MTT-S members who were evaluated by our Society were elected to the grade of Fellow, effective 1 January 2007.

In addition, seventeen other MTT-S members were elected to the grade of Fellow in 2007 after their qualifications were evaluated by other IEEE societies.

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| Robert Fontana (AES) | For contributions to short pulse electromagnetics as applied to ultra-wideband systems |
| Barry Chambers (AP) | For contributions to active electromagnetic materials and structures |
| Atef Elsherbeni (AP) | For contributions to computational electromagnetics, antenna and microwave applications |
| Robert Nevels (AP) | For contributions to electromagnetic field theory for quantum mechanics |
| Kin-Lu Wong (AP) | For contributions to microstrip and planar antenna designs |
| Kenneth Kundert (CAS) | For contributions to simulation and modeling of analog radio frequency and mixed signal circuits |
| Jose Schutt-Aine (CPMT) | For contributions to modeling and simulation of distributed circuits with applications to signal integrity |
| Clark Nguyen (ED) | For contributions to the physics and technology of microelectromechanical systems |
| Jayasimha Prasad (ED) | For contributions to compound semiconductor heterojunction bipolar transistors |
| Yan-Kuin Su (ED) | For contributions to optoelectronics and nanophotonics research and education |
| Alan Sahakian (EMB) | For contributions to electrophysiology of atrial cardiac arrhythmias |
| Flavio Canavero (EMC) | For contributions to the modeling of circuit and electronic interconnects |
| James Drewniak (EMC) | For contributions in electromagnetic interference coupling paths and numerical modeling for compatibility design |
| Antonio Orlandi (EMC) | For contributions to high-speed digital systems |
| Andrew Podgorski (EMC) | For contributions to broadband immunity and compatibility certification |
| Kun-Shan Chen (GRS) | For contributions to remote sensing image and signal processing |
| Abdullah Atalar (UFFC) | For contributions to acoustic and atomic force microscopy |