

IEEE DENNIS J. PICARD MEDAL FOR RADAR TECHNOLOGIES AND APPLICATIONS RECIPIENTS

2024	FREDERICK E. DAUM (FIEEE)— Principal Fellow, Raytheon, Carlisle, Massachusetts, USA	“For research, design, development, analysis, and testing of complex phased array radar systems, making them work in the real world.”
2023	ALBERTO MOREIRA (FIEEE)— Director, German Aerospace Center (DLR), Microwaves and Radar Institute, Oberpfaffenhofen, Bavaria, Germany	“For leadership and innovative concepts in the design, deployment, and utilization of airborne and space-based radar systems.”
2022	MOENESS G. AMIN (LFIEEE)— Director, Center for Advanced Communications, College of Engineering, Villanova University, Villanova, Pennsylvania, USA	“For contributions to radar signal processing across a wide range of applications including through-the-wall imaging and health monitoring.”
2021	SIMON HAYKIN (FIEEE)— Emeritus Professor, Department of Electrical and Computer Engineering, McMaster University, Ontario, Canada	“For contributions to the development of the theory and practice of radar, especially cognitive radar and adaptive filtering.”
2020	JOSEPH R. GUERCI President/CEO, Information Systems Laboratories, Inc., La Jolla, California, USA	“For contributions to advanced, fully adaptive radar systems and real-time knowledge-aided, and cognitive radar processing architectures.”
2019	RICHARD KLEMM Retired Professor, Fraunhofer Institute for High Frequency Physics and Radar Techniques, Muenchen, Germany	“For contributions to high-resolution radar, adaptive clutter suppression, and publications for the international radar system community.”
2018	MARK EDWARD DAVIS Consultant, Medavis Consulting, Prospect, New York, USA	“For technical contributions to advanced aerospace multifunction microwave and foliage penetration radars, and for leadership within the radar community.”
2017	HUGH GRIFFITHS Professor, University College London, London, United Kingdom	“For technical leadership and exceptional contributions to multistatic radar.”
2016	NADAV LEVANON Professor, Tel Aviv University, Tel Aviv, Israel	“For contributions to radar signal design and analysis, pulse compression, and signal processing.”

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| 2015 | MARSHALL GREENSPAN
Senior Consulting Systems
Engineer, Northrop Grumman,
Norwalk, Connecticut, USA | "For contributions to the development of multiple phase-center airborne surface surveillance and targeting radars." |
| 2014 | YURI ABRAMOVICH
Principal Research Scientist,
WR Systems Ltd., Fairfax,
Virginia, USA | "For seminal contributions to adaptive radar signal processing algorithms and Over-The-Horizon Radar." |
| 2013 | MICHAEL C. WICKS
Professor of Electrical
Engineering, Ohio Scholar for
Sensor Exploitation and Fusion,
Distinguished Research
Scientist University of Dayton
Research Institute, University
of Dayton, Dayton, OH USA | "For leadership and developments in fully adaptive radar, advanced space-time adaptive processing (STAP), knowledge-based signal processing, and waveform diversity." |
| 2012 | KARL GERLACH
(Retired) Head, Advanced
Signal Processing Section,
Radar Division, US Naval
Research Laboratory,
Chesapeake Beach, MD, USA | "For contributions to radar signal processing, clutter modeling, and electronic protection." |
| 2011 | JAMES HEADRICK
Annuitant, Naval Research
Laboratory, Research Engineer,
Stanfield, OR, USA | "For pioneering the international effort to develop high-frequency over-the-horizon radar, combining extraordinary skills in electronics, antenna theory, electromagnetic wave propagation and hands-on experimentation." |
| 2010 | ALFONSO FARINA
Director of the Integrated
Systems Analysis Department,
SELEX Sistemi Integrati,
Rome, Italy | "For continuous, innovative, theoretical and practical contributions to radar systems and adaptive signal processing techniques." |
| 2009 | PHILIP M. WOODWARD
Retired Deputy Chief Scientific
Officer, Royal Radar
Establishment,
Malvern, United Kingdom | "For pioneering work of fundamental importance in radar waveform design, including the Woodward Ambiguity Function, the standard tool for waveform and matched filter analysis." |
| 2008 | YAAKOV BAR-SHALOM
Professor, University of
Connecticut,
Storrs, CT, USA | "For contributions to techniques for radar target tracking in clutter." |

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2007	RUSSELL K. RANEY Johns Hopkins University Applied Physics Laboratory, Space Department Laurel, MD, USA	"For innovation and technical leadership in the implementation and application of earth-observing and planetary radars."
2006	ELI BROOKNER Principal Engineering Fellow, Raytheon Corporation, Sudbury, MA, USA	"For pioneering contributions to phased array radar system designs, to radar signal processing designs, and to continuing education programs for radar engineers."
2005	WILLIAM J. CAPUTI, JR. Independent Consultant, Centerport, NY, USA	"For conception and development of innovative range and Doppler bandwidth reduction techniques used in wide-band radars and high resolution synthetic aperture radars."
2004	DAVID ATLAS Distinguished Visiting Scientist NASA Goddard Space Flight Center, Greenbelt, MD, USA	"For exceptionally outstanding leadership and significant individual technical contributions to the application of radar for the observation of weather and other atmospheric phenomena."
2003	WILLIAM SKILLMAN Consultant Westinghouse Electric Baltimore, MD, USA	"For pioneering work in pulse Doppler radar design and its utilization for airborne early warning radar systems."
2002	DAVID BARTON ANRO Engineering, Inc. Hudson, MA, USA	"For contributions to radar system design and analysis, the publication of definitive radar reference books, and to the exchange of radar technology information internationally."
2001	FRITZ STEUDEL Independent Consultant, Pocasset, MA, USA	"For outstanding leadership, technical contributions and the implementation of innovative concepts in the design, development and deployment of large, wide-band phased array radar systems."
2000	MERRILL SKOLNIK Naval Research Laboratory Washington, DC, USA	"For outstanding leadership of Navy radar research, authorship of widely used books on radar, and personal contributions to the advancement of radar technology and systems."