

IEEE MARIE SKLODOWSKA-CURIE AWARD
RECIPIENTS

- 2024 – RICHARD E. CARSON
Professor of Radiology and
Biomedical Imaging and of
Biomedical Engineering; Director of
Graduate Studies, Biomedical
Engineering, Yale University, New
Haven, Connecticut, USA
“For contributions to image reconstruction and
tracer kinetic analysis in positron emission
tomography.”
- 2023 – JANET L. BARTH
Member – Board of Advisors, MERC
Aerospace (Miller Engineering &
Research Corporation), Greenbelt,
Maryland, USA
“For leadership of and contributions to the
advancement of the design, building,
deployment, and operation of capable, robust
space systems.”
- 2022 – THOMAS M. ANTONSEN, JR.
Distinguished University Professor,
Departments of Electrical and
Computer Engineering and Physics,
University of Maryland, College
Park, Maryland, USA
“For seminal contributions to theoretical
plasma physics and radiation science, and for
the development of design codes for vacuum
electronics devices.”
- 2021 – MICHEL DEFRISE
Retired Professor, Brussels,
Belgium
“For key developments in image
reconstruction for positron emission
tomography and x-ray computed
tomography.”
- 2020 – MICHAEL A. LIEBERMAN
Professor of the Graduate School,
University of California, Berkeley,
California, USA
“For groundbreaking research and sustained
intellectual leadership in the physics of low-
temperature plasmas and their application.”
- 2019 – SANJIV GAMBHIR
Professor and Chairman,
Department of Radiology, Stanford
University, Stanford, California,
USA
“For the development of nuclear and optical
science in the field of molecular imaging and
cancer treatment.”
- 2018 – DAVID ROBERT NYGREN
Presidential Distinguished
Professor, Department of Physics,
University of Texas, Arlington,
Texas, USA
“For pioneering radiation detector
developments, enabling major discoveries in
diverse areas of science.”
- 2017 – CHANDRASHEKHAR JOSHI
Distinguished Chancellor’s
Professor, University of California,
Los Angeles, Los Angeles,
California, USA
“For groundbreaking contributions to and
leadership in the field of plasma particle
accelerators.”

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- 2016 – SIMON R. CHERRY
Professor, Department of
Biomedical Engineering, University
of California, Davis, California, USA
“For contributions to the development and
application of in vivo molecular imaging
systems.”
- 2015 – NOAH HERSHKOWITZ
Professor Emeritus, University of
Wisconsin, Madison, Wisconsin,
USA
“For innovative research and inspiring
education in basic and applied plasma
science.”
- 2014 – MALCOLM H. HUDSON
Emeritus Professor, Department of
Statistics, Macquarie
University, Australia
“For developing maximum-likelihood image
reconstruction in emission tomography
leading to its widespread and effective use in
healthcare.”
- AND
BRIAN F. HUTTON
Professor, Chair of Medical Physics
in Nuclear Medicine and Molecular
Imaging Science, Institute of
Nuclear Medicine, Division
of Medicine, University College
London, London, United Kingdom
- AND
LAWRENCE A. SHEPP
Patrick T. Harker Professor
of Statistics, Wharton School of
the University of Pennsylvania and
Department of Statistics, Rutgers
University, Piscataway, NJ USA
- 2013 – VELJKO RADEKA
Senior Electronics Engineer,
Head of Instrumentation Division,
Brookhaven National Laboratory,
Upton, NY, USA
“For the development of new radiation
detectors, electronics, and systems that
operate at the fundamental limits of
performance, enabling discoveries in many
areas of science.”
- 2012 – GENNADY ANDREEVICH MESYATS
Director, Lebedev Physics
Institute, Russian Academy of
Sciences and Vice President,
Russian Academy of Sciences,
Moscow, Russia
“For founding the field of nanosecond pulsed
power and for seminal contributions to the
physics of vacuum breakdown at high power
levels.”
- 2011 – CHARLES KENNEDY (NED)
BIRDSALL
Professor Emeritus, University of
California, Berkeley, CA, USA
“For theoretical investigations and
fundamental discoveries involving microwave
tubes, electron beam physics and particle-in-
cell simulation of plasma physics.”