

**IEEE MARIE SKLODOWSKA-CURIE AWARD**  
**RECIPIENTS**

- 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.”
- 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

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| 2013 - VELJKO RADEKA<br>Senior Electronics Engineer,<br>Head of Instrumentation Division,<br>Brookhaven National Laboratory,<br>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<br>Director, Lebedev Physics<br>Institute, Russian Academy of<br>Sciences and Vice President,<br>Russian Academy of Sciences,<br>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)<br>BIRDSALL<br>Professor Emeritus, University of<br>California, Berkeley, CA, USA  | “For theoretical investigations and fundamental discoveries involving microwave tubes, electron beam physics and particle-in-cell simulation of plasma physics.”                 |