



European SEMI Award Guidelines

The Award:

The European SEMI Award has been established to recognize significant contributions to the European semiconductor, microsystems, photovoltaic and display industries by individuals working in universities, research institutes or industry. This award, which demonstrates the industry's high esteem for the recipient, is given annually.

Selection:

The European Awards Committee consists of experts representing semiconductor, microsystem and photovoltaic related manufacturing companies, equipment and materials suppliers, research institutes and universities. The committee reviews nominations and applications and selects the award recipient.

Eligibility:

Eligible candidates have produced a significant advancement, product or invention of exceptional value to the semiconductor, microsystem or photovoltaic industry.

Selection Guidelines:

The contribution(s) should be *related to the semiconductor, photovoltaic, microsystems, display, or lighting industries.*

Preferably, the contribution to be recognized is, or is related to:

- Equipment for wafer fabrication.
- Metrology equipment.
- Equipment for assembly/test.
- The preparation of materials of importance to the above-mentioned industries.
- Technology or design inventions. (The contribution does not have to be hardware. Significant process inventions or enhancements also qualify.)

Whatever the form, the contribution must have made a profound impact upon one of the manufacturing industries listed above.

The *scope* of the contribution is the key issue – did it have a major impact on the overall industry?

There are many contributions which affect specific, narrow areas of manufacturing. Some of these may be worthy of awards. However, preference for the European SEMI Award will be given to those contributions, which are of a broad nature, having significance to the overall semiconductor, microsystems, photovoltaic or display industries.

The contribution must have been utilized in the semiconductor, microsystems, photovoltaic or display industries for at least three years.

Truly profound contributions are judged and proved worthy over a period of years. To be considered, a contribution must have demonstrated its commercial value for three years before it can be submitted for consideration.

The recipient may be either the originator of the contribution or one who has made significant enhancements, which enabled its successful implementation into the commercial market.

We tend to think of originators or inventors as the key persons in the introduction of new technology. In many cases, this is not true. Another person may see more clearly the value of the idea, develop it into a useful form and successfully apply it within the semiconductor, microsystems, photovoltaic or display industries. If this is the case, the implementer is worthy of the award.

A particular emphasis is placed upon the *long range contributions* of an individual to our industry.

Multiple contributions by an individual to a science or technology over a period of years or contributions in a variety of disciplines will, in most cases, take precedence over a single contribution. This is an opportunity to honor our industry's heroes.

Areas of Consideration:

The following list of possible award categories is only a guide for determining the contribution of a nominee:

- Process Materials
- Manufacturing
- Technology
- Design
- Process Control/Inspection
- Assembly/Packaging
- Test
- Robotics/Automation
- Standardization



EUROPEAN SEMI AWARD RECIPIENTS

- 2017 Bernard Aspar, Soitec; Jean-Pierre Raskin, UCL
Special Service Award: Dr. Andreas Wild, executive director, ECSEL
- 2016 Rolf Aschenbrenner, Fraunhofer IZM, Eric Beyne, imec and Gilles Poupon, CEA-LETI
- 2015 Paul Lindner, EV Group
- 2014 Albert Theuwissen, Harvest Imaging
- 2013 Benedetto Vigna, STMicroelectronics
- 2012 Dr. Franz Auerbach, Dr. Gerald Deboy, Dr. Hans Weber und Dr. Reinhard Ploss, Infineon
- 2011 Tibor Pavelka, Semilab
- 2010 Herbert Reichl, Fraunhofer Institut IZM
Lifetime Achievement Award: Peter Woditsch, Deutsche Solar
- 2009 Holger Juergensen, Aixtron
Special Service Award: Enrico Villa, STMicroelectronics
- 2008 Gilbert Declerck, IMEC
- 2007 Michael Töpfer, Fraunhofer Institut IZM
- 2006 Martin van den Brink, ASML and Winfried Kaiser, Carl Zeiss
Special Service Award: Sir Robin Saxby, ARM
- 2005 Horst Reichardt, DAS
- 2004 Tuomo Suntola
- 2003 Carola Bläsing, Leica
Special Service Award: Joël Monnier, STMicroelectronics
- 2002 Franz Sumnitsch, SEZ
- 2001 Robert Falster, MEMC
- 2000 Peter Kücher and Horia Grecu, Semiconductor 300
Special Service Award : Willem Maris, ASML
- 1999 André-Jacques Auberton-Hervé, Soitec; Michel Bruel, CEA-LETI
- 1998 Karl Nicklaus, ESEC
- 1997 Hans-Georg Betz, STEAG; Diethard Huber, Wacker Siltronic
- 1996 Peter Eichinger, GeMeTec
Special Service Award: Eric Kamerbeek, ASMI
- 1995 Bruno Murari, ST Microelectronics
- 1994 Roger Van Overstraeten, IMEC
- 1993 Heinrich Walk, AST
- 1992 Winfried Süss, Karl Süss
Special Service Award: Guilio Grata, European Commission
- 1991 Jacques Trotel, Elisa
- 1990 Steve Wittekoek, ASML
- 1989 Jürgen Warnecke, Fraunhofer Institut



EUROPEAN SEMI AWARD 2018 NOMINATION FORM

The significance of the European SEMI Award is most notable when a peer submits the nomination.

If you know of a person or a group who has made a significant contribution to the semiconductor, microsystems or photovoltaic industry (equipment, materials, manufacturing) please complete this form and email it by **16 September 2018** at the latest to:

SEMI Europe
Christina Fritsch, Manager, Conferences and Programs
Tel: +49 30 3030 8077 18
cfritsch@semi.org

Nominees and their contributions will be reviewed and evaluated by the European SEMI Award Committee, and the winner selected end September 2018, will be informed directly.

NAME(S) OF NOMINEE(S)

The nominee can be either the originator of the concept, the process or the equipment, or one who has made significant enhancements and additions to the concept that enabled its successful implementation in the commercial market. Please nominate an individual or a team.

Nominee name, Job Title, Company, Email

AREA OF CONTRIBUTION

- Materials Silicon
 Process materials
 Other semiconductors and related materials
 Other (please specify): _____
- Equipment Wafer fabrication
 Assembly/packaging
 Test
 Control/Inspection
 Automation
 Other (please specify): _____
- Technology Process invention or enhancement
 Design
- Lifetime achievement Business contributions
 Technical contributions
 Contribution to training and learning in the afore-mentioned industries
 Other (please specify): _____

