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

2018  Joël Hartmann, STMicroelectronics
      Special Service Award: Mart Graef, TU Delft
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 Töpper, 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: Giulio Grata, European Commission
1991  Jacques Trotel, Elisa
1990  Steve Wittekoek, ASML
1989  Jürgen Warnecke, Fraunhofer Institut
EUROPEAN SEMI AWARD 2019 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 2019** at the latest to:

SEMI Europe
Cassandra Melvin, Director Operations
cmelvin@semi.org

Nominees and their contributions will be reviewed and evaluated by the European SEMI Award Committee, and the winner selected end October 2019, 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): ______________________________
DESCRIPTION OF CONTRIBUTION

Describe the significant advantages of the contribution to industry and the role of the nominee in the development of this contribution

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What has been the commercial impact of this work? When was it first introduced commercially to market? Note: This MUST be >3 years ago.

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YOUR NAME AND AFFILIATION

Name: __________________________________________

Job Title: _______________________________________

Company: _______________________________________

Telephone: _____________________________________

Email: _________________________________________