

## Call for Abstracts

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# Strategic Materials Conference (SMC)

Technology from Europe – Technology for Europe

12-13 November 2019 / Munich Germany

Co-located with



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Materials of all types – gases, chemicals, substrates, masks, coatings, encapsulants, adhesives, etc. – are essential for the fabrication of semiconductor devices. European device makers rely on a strong and vibrant supplier base to enable their manufacture of a wide variety of device types, including power semiconductors, RF components, optoelectronics, embedded memories, MEMS and sensors. Fabless companies and designers in Europe rely on the materials and processes employed by foundries worldwide to realize their ideas on silicon. European innovation centers drive the new materials required to keep the semiconductor roadmap and Moore's Law as well as more than Moore on track. This includes materials for Fan-In and Fan-Out Wafer Level Packaging to enable new 5G, AI and ADAS developments. SEMI organizes a global series of Strategic Materials Conferences, and the meeting to be held at SEMICON Europa in November shall focus on Enabling Technologies from Europe for Europe. You are cordially invited to submit an abstract for inclusion in this conference.

### Papers should cover the following topics:

#### Topics:

Frontend and Wafer Level Packaging materials for

- high power devices
- RF modules and applications
- MEMS & sensors
- embedded memories
- photonics and LED's
- novel process technologies
- advanced lithography
- Extending roadmaps through adoption of materials already developed for leading edge CMOS;
- Materials development for the extension of the semiconductor industry roadmap;
- Process development and control;
- Quality and reliability assurance;
- Metrology and inspection methods;
- Sustainability, regulation and usability of materials;
- Materials enabling cost reduction (TCO).

Instructions to submit an abstract – To submit your abstract please click [here](#).

General guidelines:

- Please submit your abstracts, biography and a photo via internet until **26 April 2019**. Abstracts submitted via fax, e-mail, post, or other methods will generally not be accepted.
- The conference language is English.

- The abstract should have between 1.000 and 2.000 characters (Starting with descriptive paragraph identifying issue addressed and solution). Please focus on the news instead of describing state-of-the-art.
- Abstract modifications, changes and corrections will be accepted until the 26 April 2019.

Your presentation may not be included in the review process unless the information is complete.

Evaluation criteria include significance, usefulness for the manufacturing world and clarity and accuracy as a paper. Abstracts will be peer-reviewed and selected relative to the points above. We encourage application related presentations, i.e. on joint projects between users and suppliers. Papers are to be non-commercial and focus on the technical/economical merits of a process rather than the individual company's product benefits.

<b>Deadline:</b>	<b>Submit your abstracts and biography until <u>26 April 2019</u>.</b>
<b>Changes:</b>	After your first registration your data are saved and can be modified until <b>26 April 2019</b> .
<b>Notification:</b>	<b>Selected presenters will be notified by 19 July 2019.</b>

**SEMI Europe Strategic Materials Conference (SMC) Committee:**

Christoph Adelman, imec	Romy Liske, Fraunhofer IPMS
Antoine Amade, Entegris	Thomas Mikolajick, Namlab
Rozalia Beica, DuPont	Thomas Neyer, Fairchild
Volker Braetsch, Siltronic	Herbert Pairitsch, Infineon
Iain Buchanan, Versum Materials	Ionut Radu, Soitec
Ruud de Wit, Henkel Electronic Materials	Milan Rosina, Yole Developpement
Peter Duerichen, Merck	Ralf Schmidt, Atotech
Guy Feuillet, CEA-Leti	Guido Thielscher, Fujifilm
Douglas Guerrero, Brewer Science	Eric Tribolet, KMG Chemicals
Uwe Hansen, Bosch	Jan van Steenberg, JSR Micro
Markus Hoerburger, Atotech	Anna-Riikka Vuorikari-Antikainen, Okmetic
Thorsten Kammler, GLOBALFOUNDRIES	

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