

## **Ismeca Europe Semiconductor SA**

### **Short description:**

Ismeca Semiconductor is a world-leading supplier of high-speed machines for assembly, testing, inspection, sorting, marking and packaging of semiconductor (IC and discrete components, e.g. MEMS & LEDs). The company's unique competence is in the design and application of the state-of-the-art handling solutions at stand-alone systems to complete integrated production and testing lines. The company is delivering its automatic solutions to the major global producers and has well-established contacts to most producers of semiconductor devices on the World. Being part of a Cohu inc. group it can offer wide distribution channels for new products or services, while being relatively independent in research and development strategies.

### **Partnership / cooperation possibilities:**

The company is looking for new partnerships in new concepts of process automation and sample holding. The fast and reliable testing approaches are also of interest as well as participation in pilot lines of emerging technologies (e.g. flexible and large area electronics, smart system integration). Foreseen partnership could include device manufacturers, designers of new devices and experts on innovative production processes.

### **Possible H2020 calls (2016-2017)**

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|--------------------|--|
| NMBP 44-2016:      | Pilot lines for manufacturing of materials with customized thermal/electrical conductivity properties        |
| FoF 03-2016:       | Zero-defect strategies at system level for multi-stage manufacturing in production lines                     |
| FOF 04-2016:       | Continuous adaptation of work environments with changing levels of automation in evolving production systems |
| ICT2 – 2016:       | Thin, Organic and Large Area Electronics (TOLAE)   |
| ICT3 – 2016:       | SSI – Smart System Integration   |
| ICT25 – 2016/2017: | Advanced robot capabilities research and take-up   |
| ICT26 – 2016:      | System abilities, development and pilot installations  |
| ICT29 – 2016:      | Photonics KET 2016   |
| NMBP 46-2017:      | Pilot Lines for Manufacturing of Nanotextured surfaces with enhanced mechanical properties                   |
| FoF 06-2017:       | New product functionalities through advanced surface manufacturing processes for mass production             |
| FOF 08-2017:       | In-line measurement and control for micro-/nano-enabled high-volume manufacturing for enhanced reliability   |
| ICT30 – 2017:      | Photonics KET 2017   |
| ICT31 – 2017:      | Micro- and nanoelectronics technologies  |

### **Contacts:**

**Ismeca Europe Semiconductor SA**  
Rue de l'Helvétie 283  
2301 La Chaux-de-Fonds (Switzerland)

**Thierry Eme**  
Technology vice-president  
Phone: +41 (0) 32.925.77.99  
Mobile: +41 (0) 79 611 51 17  
Email: [teme@cohu.com](mailto:teme@cohu.com)  
Webpage: <http://www.cohu.com/companies/ismeca.htm>