

PASAN SA

Short description:

Pasan SA, a member of the Meyer Burger Technology group, is the worldwide reference for measurement systems for modules and cells in the photovoltaic (PV) industry. Their A⁺A⁺A⁺ solar simulators are acknowledged to best in class and used by leading certification bodies as well as producers of solar modules worldwide. The High^{LIGHT} product line for module testing and Spot^{LIGHT} product line for cells testing are characterized by an outstanding light source and give measurements with the highest accuracy and reliability. Pasan recently developed and marketed innovative solutions for the measurement of high efficiency solar cells and modules, which include new light sources that combine LEDs with Xenon, innovative contacting solutions for electrical tests, and numerical methods to assist in advanced cost effective measurement methods for industry.

Partnership / cooperation possibilities:

The company's main competences are the design and engineering of light sources with very specific and reliable emission spectrum as well outstanding uniformity. These light sources are proven for the static or in-line PV characterization (terrestrial or extraterrestrial). Together with the experience in PV cell-contacting Pasan is a logical choice for any pilot line focused on new generations of PV technologies. Being member of the Meyer Burger technology group, Pasan has access to all players along the whole value chain of PV industry (from Si ingots to BIPV). Additionally, their ability to manipulate light sources could also be of value added in continuous industrial processes, e.g large area lithography, as well as in medical diagnostics or imaging.

Possible H2020 calls (2016-2017):

NMBP 17-2016:	Advanced materials solutions and architectures for high efficiency solar energy harvesting
PILOTS-01-2016:	Pilot lines for manufacturing of materials with customized thermal/electrical conductivity properties
FOF-01-2016:	Novel hybrid approaches for additive and subtractive manufacturing machines
LCE-09-2016:	Increasing the competitiveness of the EU PV manufacturing industry
PILOTS-03-2017:	Pilot Lines for Manufacturing of Nanotextured surfaces with mechanically enhanced properties
PILOTS-05-2017:	Paper-based electronics
FoF 06-2017:	New product functionalities through advanced surface manufacturing processes for mass production
FOF 07-2017:	Integration of unconventional technologies for multi-material processing into manufacturing systems
FOF 08-2017:	In-line measurement and control for micro-/nano-enabled high-volume manufacturing for enhanced reliability
ICT31 – 2017:	Micro- and nanoelectronics technologies
LCE-10-2017:	Reducing the cost of PV electricity

Contacts:

PASAN SA

Rue Jaquet-Droz 8
2000 Neuchâtel (Switzerland)
Webpage: <http://www.pasan.ch>

Rajesh Ambigapathy

CEO
Phone : +41 32 391 16 82
Rajesh.Ambigapathy@meyerburger.com

Vahid Fakhfouri, Ph.D.

Head of R&D
Phone: +41 32 391 16 34
Vahid.Fakhfouri@pasan.ch