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FEMTOprint: Winner of the first-ever PHOTONICS Award

Rewarded as the best product innovation during the LASER World of PHOTONICS in Munich (DE).



Picture taken at the LASER World of PHOTONICS 2015.
Nicoletta Casanova (CEO of FEMTOprint, winner 3D Printing Award)

Munich. The PHOTONICS Award 2015 was announced on Wednesday June 24th 2015 at the Munich Messe (DE), during the LASER World of PHOTONICS, the yearly international exhibition for the laser and photonic industry. Together with the World of Photonics Congress, this international fair brings together research and industry and promotes the use and ongoing development of optical technologies.

FEMTOprint is presenting its technology at the event until June 25th at the STARTUP WORLD, one of the most important parts of the fair. Moreover, it was among the three finalists in the “3D Printing” category of the first-ever PHOTONICS Award 2015. The competition seeks to recognize the best product innovations from up-and-coming companies in a broad

spectrum of optical technologies. The products presented by a number of start-ups from all over the world address an array of application fields, biophotonics, medical technology, optoelectronics, and additive manufacturing. A jury of experts evaluated all the submissions for their outstanding product innovations and awarded FEMTOprint, a 1.5 year old Swiss start-up with many challenging objectives achieved, already.

“We are so gratified of this surprising prize that not only give our young start-up the chance to raise its profiles at leading global events, but also rewards our team for its outstanding engagement” says

Nicoletta Casanova, the CEO of FEMTOprint. “Being the winner of the first-ever PHOTONICS Award motivates us to keep working with passion on the development and improvement of our innovative 3D micro manufacturing process, and to further disseminate our technology in our target sectors: the watch, micromaching and medtech industries. We thank the jury for their trust”.

The FEMTOPRINT® technology is a breakthrough innovative manufacturing process to produce 3D microdevices that integrate optical, fluidic, mechanical features down to the nano-scale on a single glass substrate. No other technique can produce complex and challenging 3D microdevices out of glass and other transparent materials on a single substrate with nanometric resolution, and outside a clean-room environment.

FEMTOPRINT® technology uses a femtosecond laser that changes the properties of the material, such as the density and refractive index, with a sub-micron resolution. With no more than the energy of a bright LED delivered in ultra-short pulses, any transparent material can be modified in the three dimensions. This is opening the field of complex 3D printing on a broad range of substrates, as fused silica, borofloat, some polymers, and even hard substrates like sapphire and ruby.

FEMTOprint is a Swiss company which develops, produces and distributes the unique and leading-edge FEMTOPRINT® technology, and the related services that enable cost-effective 3D micro-manufacturing of transparent devices with high precision, high resolution and reliability. The company is recognized for the quality of its technical expertise developing challenging and innovating products. The FEMTOprint products are sold internationally to the watch industry, the biomed, industries working in optics and electronics, universities and research centers.

For more information, visit our website [femtoprint.ch](http://www.femtoprint.ch)¹

¹ Press release and pictures available at <http://www.femtoprint.ch/#!login/c6i6>