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Synova / Newsletter / June 2021

Bernold Richerzhagen in PHOTONICS Interview

In this newsletter issue, we would like to draw your special attention to the recent LASER World of PHOTONICS interview with Synova's founder and CEO, Bernold Richerzhagen.

In the interview Dr. Richerzhagen talks about the beginnings of the "wet" laser technology, the advantages of the medium water in high-precision laser machining and exciting applications with new materials.

We hope you enjoy reading and wish you and your families a wonderful summer. Stay healthy and visit us from time to time at www.synova.ch

Your Synova Team

[Read the interview](#)



Next Event

[EPHJ-The World of High Precision](#)

 September 14 - 17, 2021

 E116 (Hall 2) at Palexpo-Geneva, Switzerland

We look forward to our first trade show participation since the outbreak of the pandemic. Stop by our booth in Geneva, enjoy a cup of coffee and tell us about your latest challenges!

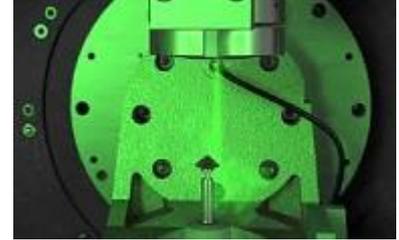
Registration for a free day ticket will be available soon:

[Registration](#)

3D Animation

DaVinci Diamond Factory: From Rough to Polished Diamond

We are excited to share our latest animation video about the DaVinci laser faceting process. Synova's "Diamond Factory" is the first automated manufacturing solution for transforming rough diamonds into brilliant cut diamond with 57 facets. Cut-off diamond chips can be reused and are not polished away as in traditional diamond manufacturing. Synova's automated diamond shaping system now also cuts customized and fancy shapes!



[Watch the video](#)

New design & sensor technology

Laser Cutting System LCS 303 To Replace Previous LCS 300

Synova has launched a highly accurate 3-axis laser cutting system, the LCS 303 as successor system to the LCS 300. The LMJ laser machine processes a wide variety of materials, from metals to ultra-hard and brittle materials such as diamond or ceramic, to complex composites. Target applications include high precision machining of watch components, medical tools, electronic devices and other high-tech parts.



[Read more](#)

Emergency situation in India

Synova Supports UNICEF with a Donation to Help Save Lives

Synova is contributing to UNICEF Switzerland and Liechtenstein's efforts to help save lives in India which is suffering from a devastating COVID wave. Synova's donation will help to advance the provision of life-saving oxygen equipment and strengthen the Covid-19 prevention measures. We are thinking especially of our colleagues from the MMC in Surat and their families, our partners and customers in India. Stay safe!



[Visit the UNICEF website to support children in India](#)



Inventor of Water Jet Laser

Synova is the pioneer of a unique water jet guided laser technology (Laser MicroJet®) providing high-precision cutting solutions for the metal, semiconductor and diamond industries.

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