

NanoX-Perience Nanoindentation

Physical Electronics GmbH- Feldkirchen,
Wednesday December 18th, the last Seminar of
the year 2019 was dedicated to
Nanoindentation, extended micro &
nanomechanical testing. The speaker Tobias
Schütz, presented the special features of the
In situ Nanoindenter from Alemnis. The
participants learned about the unique
possibilities and advantages of
nanoindentation in a SEM. Which properties
can be measured with the unique Alemnis
Indenter and which different test methods are
possible?



Pushing the Frontier of Nano Mechanical Testing!



In the afternoon was a special "Schmankerl", the live broadcast to Alemnis in Thun, Switzerland. The colleagues Dr. Jean-Marc Breguet CEO Alemnis, Damian Frey R&D Manager Alemnis and Rajaprakash Ramachandramoorthy Empa - Swiss Federal Laboratories for Materials Science and Technology showed different pillar measurements in a live demo. All participants could see the compact, robust, versatile Nanoindenter live. The last talk, also with a live broadcast to Thun concluded the seminar NanoX-Perience with the focus Applications.

The Alemnis system has been used for thousands of studies in the materials science domain, covering all classes of materials (metals, polymers, ceramics, composites) and many different test methods (micropillar compression, tensile testing, indentation, beam bending, mapping, fracture toughness, fatigue and shock, impact, creep, stress relaxation, scratch testing, tribology, etc..).

Physical Electronics GmbH thanks again all participants and our partner Alemnis and is looking forward to welcoming you soon.

The next NanoX-Perience will take place April, 2020. The next NanoX-Pert will take place on April 22, 2020.

MERRY CHRISTMAS and A HAPPY NEW YEAR 2020!



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