

Advances in Nanopositioning

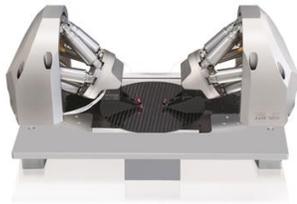
PI



Birck Nanotechnology

Where
Purdue Discovery Park
BRK 2001

When
8 August 2018
10:30 AM – 12:00PM



Fiber Alignment System with 18 degrees of freedom

Physik Instrumente (PI) is the market leader in piezo precision positioning. Over the course of the past twenty years, PI has been improving and expanding our piezo technology, keeping a consistent emphasis on performance and reliability. This free seminar will highlight these technology advancements, including: piezo flexures, piezo motors, and piezo shims. Microscopy and photonics are also an area of expertise for our engineers, especially in industries such as biotech, 3D imaging, and alignment of optical components. This seminar will explain in detail the use of linear motors, our PINano platform and Fast Multi-channel Photonics Alignment Systems (FMPA), as well as the benefits they can offer to you and your research.

The seminar will be led by Brian Connolly. He is Field Sales Engineer for the upper Midwest. Brian obtained M.S. in Chemistry from Arizona State University in 2007 where he studied the photo-physics of fluorescent dyes in different biochemical environments. Since then he has spent his career working with different scientific instruments and imaging systems.

This event is sponsored by PI (Physik Instrumente) LP and in cooperation with the Purdue University Birck Nanotechnology Center.



PIFOC® Objective Scanner

PI (Physik Instrumente) is a world leader in the design, manufacture and provider of precision motion and positioning systems for industry and research. Many of these engineered products are used for the highest precision imaging and laser systems on earth, in space and even on Mars. They include systems on the Mars Rover Curiosity, major semiconductor manufacturing and inspection systems, large professional astronomical and solar telescopes, fiber optic telecommunication systems and research grade atomic, optical and laser based microscopy systems.

Seminar attendees are encouraged to submit technical questions in advance of the workshop to be addressed and discussed as part of the learning experience.

Please contact Brian Connolly, +1 815 981 9594 for questions about the event or how to register or email us at Ask-an-Engineer@pi-usa.us

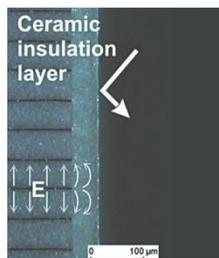
Thank you for your response and we are looking forward to seeing you at the seminar.

Sincerely,

Brian Connolly
PI (Physik Instrumente) LP / +1 815 981 9594



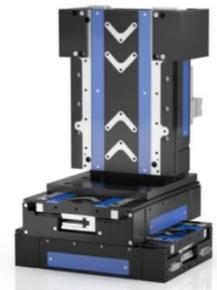
Miniature Hexapod utilizing piezo motor technology



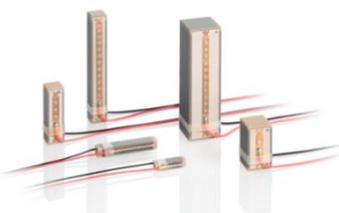
PICMA® multilayer piezo actuator design with all-ceramic insulation



PIRest hybrid piezo shim and actuator



XYZ assembly using PIMag linear motors



PICMA Actuators

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