



For immediate release

Norbert Meyendorf Elected SPIE Fellow

BELLINGHAM, WA, USA — 15 February 2018 -- SPIE will promote 73 new Fellows of the Society this year, to recognize the significant scientific and technical contributions of each in the multidisciplinary fields of optics, photonics, and imaging. SPIE Fellows are honored for their technical achievements and for their service to the general optics community and to SPIE in particular. More than 1,300 SPIE members have become Fellows since the Society's inception in 1955.

The annual recognition of Fellows provides an opportunity for SPIE to acknowledge Members for their outstanding technical contributions and service to SPIE.



Norbert Meyendorf, Iowa State University, United States, for achievements in nondestructive testing

Meyendorf has made remarkable achievements that have significantly influenced the research and practice in nondestructive evaluation (NDE), especially in the field of high-resolution optical microscopy and eddy current sensing applied to nanomaterials and composite materials. His research on thermo-acoustic fatigue characterization and high-resolution eddy current sensors for NDE are widely regarded as classics in the field. He also is known for his work in the implementation of high-resolution microscopy and thermography. His contributions in these areas have provided the engineering community with deep insight and effective tools to characterize nanomaterials in ways that were previously impractical.

His service to the optics community has been extensive. He has served as director of a number of world-renowned institutes, including the Fraunhofer Institutes in Berlin and Dresden, as well the Iowa State University Center for NDE, and the University of Dayton Research Institute. He is the editor-in-chief of the Journal of Nondestructive Evaluation, director of the Iowa Section of the ASNT, and vice president of the European Center for Micro and Nano-Reliability. He has served several other organizations, including the Center for Micro- and Nano-Materials, the German Society for Non-Destructive Testing and the Barkhausen Award Committee of the Materials Research Network Dresden.

He has given significant service to SPIE, serving as a chairman for several conferences and symposia. He is the founder of three conferences, "Advanced Sensor Technologies for Nondestructive Evaluation and Structural Health Monitoring," "Smart Materials and Nondestructive Evaluation for Energy Systems," and "Smart Structures and NDE for Industry 4.0."

Meyendorf has received several honors and awards, including a SPIE Symposium Best Paper Award. He also gave a plenary talk at the 2017 SPIE SS/NDE Symposium.

SPIE is the international society for optics and photonics, a not-for-profit organization founded in 1955 to advance light-based technologies. The Society serves more than 235,000 constituents from approximately 155 countries, offering conferences, continuing education, books, journals, and a digital library in support of interdisciplinary information exchange, professional growth, and patent precedent.

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