

# **Bernard Kippelen**

**Professor, Electrical and Computer Engineering at Georgia Tech College of Engineering**

Atlanta, GA, US

Bernard Kippelen is an expert in polymer optics and plastic electronics.

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## **Biography**

Dr. Kippelen was born and raised in Alsace, France. He studied at the University Louis Pasteur in Strasbourg where he received a Maitrise in Solid-State Physics in 1985, and a Ph.D. in Nonlinear Optics in 1990. From 1990 to 1997 he was Chargé de Recherches at the CNRS, France. In 1994, he joined the faculty of the Optical Sciences Center at the University of Arizona. There, he developed a research and teaching program on polymer optics and plastic electronics. In August 2003, Dr. Kippelen joined the School of Electrical and Computer Engineering at the Georgia Institute of Technology where his research ranges from the investigation of fundamental physical processes (nonlinear optical activity, charge transport, light harvesting and emission), to the design, fabrication and testing of light-weight flexible optoelectronic devices and circuits based on nanostructured organic materials. He served as Director of the Center for Organic Photonics and Electronics (COPE) from 2011-2019. He currently serves as co-President of the Lafayette Institute, a major optoelectronics commercialization initiative that is based at Georgia Tech-Lorraine in Metz, France. He currently holds 25 patents and has co-authored over 270 refereed publications and 14 book chapters. His publications have received over 20,000 citations and his h-index is 73 (Google Scholar). He served as chair and co-chair of numerous international conferences on organic optoelectronic materials and devices and as deputy editor of Energy Express. He was the founding editor of Energy Express.

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## **Areas of Expertise**

Organic Photodetectors and Sensors, Optics and Photonics, Nanotechnology, Printed Electronics

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## **Affiliations**

Optical Society of America, American Chemical Society, American Physical Society, Materials Research Society, International Society for Optical Engineering

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## **Education**

University Louis Pasteur

Ph.D. Philosophy

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## **Selected Accomplishments**

**NSF CAREER Award**  
NSF CAREER Award

**3M Young Faculty Award**  
3M Young Faculty Award

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