



AAAS and Max Planck Institute for the Science of Light Announce 2018 Fellows

Washington D.C.— Prof. Dr. Gerd Leuchs of the Max Planck Institute for the Science of Light (MPL) has been named a Fellow of the American Association for the Advancement of Science (AAAS). Election as a AAAS Fellow is an honor bestowed upon AAAS members by their peers.



This year 416 members have been awarded this honor by AAAS because of their scientifically or socially distinguished efforts to advance science or its applications. New

Fellows will be presented with an official certificate and a gold and blue (representing science and engineering, respectively) rosette pin on Saturday, 16 February from 8:00 a.m. to 10:00 a.m. Eastern Time at the AAAS Fellows Forum during the 2019 AAAS Annual Meeting in Washington, D.C.

This year's AAAS Fellows will be formally announced in the AAAS News & Notes section of the journal *Science* on 29 November 2018.

As part of the Industrial Science and Technology, Gerd Leuchs was elected as an AAAS Fellow for distinguished contributions to the science and applications of quantum optics, including squeezing, photon anti-bunching, noise-limited amplification, quantum erasure and robust entanglement.

The tradition of AAAS Fellows began in 1874. Currently, members can be considered for the rank of Fellow if nominated by the steering groups of the Association's 24 sections, or by any three Fellows who are current AAAS members (so long as two of the three sponsors are not affiliated with the nominee's institution), or by the AAAS chief executive officer. Fellows must have been continuous members of AAAS for four years by the end of the calendar year in which they are elected. AAAS Fellow's lifetime honor comes with an expectation that recipients maintain the highest standards of professional ethics and scientific integrity.

Each steering group reviews the nominations of individuals within its respective section and a final list is forwarded to the AAAS Council, which votes on the aggregate list.

The Council is the policymaking body of the Association, chaired by the AAAS president, and consisting of the members of the board of directors, the retiring section chairs, delegates from each electorate and each regional division, and two delegates from the National Association of Academies of Science.

The Max Planck Institute for the Science of Light (MPL) focuses on basic research into all aspects of the interaction between light and matter, from modern optics to photonics, quantum effects and their applications in the "real" world. It aims to extend the realm of the possible in the science and technology of light. MPL was founded in 2009 and is one of the 83 institutes that make up the Max Planck Society, whose mission is to conduct basic research in the service of the general public in the natural sciences, life sciences, social sciences and the humanities.

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The American Association for the Advancement of Science (AAAS) is the world's largest general scientific society and publisher of the journal *Science* (www.sciencemag.org) as well as *Science Translational Medicine*, *Science Signaling*, a digital, open-access journal, *Science Advances*, *Science Immunology*, and *Science Robotics*. AAAS was founded in 1848 and includes nearly 250 affiliated societies and academies of science, serving 10 million individuals. *Science* has the largest paid circulation of any peer-reviewed general science journal in the world. The non-profit AAAS (www.aaas.org) is open to all and fulfills its mission to "advance science and serve society" through initiatives in science policy, international programs, science education, public engagement, and more. For the latest research news, log onto EurekAlert! (www.eurekalert.org), the premier science-news Web site, a service of AAAS. See www.aaas.org.