

Press Release

Prize of the European Microwave Association 2019 awarded to Wolfgang Heinrich

Berlin, 01.10.2019

Making microwave research visible and connecting the players in research and industry - this has been Wolfgang Heinrich's driving force for many years. For his outstanding engagement, the head of the research area III-V electronics at the Ferdinand-Braun-Institut, Leibniz-Institut fuer Hoechstfrequenztechnik, has been awarded the Distinguished Service Award by the European Microwave Association (EuMA): "Wolfgang Heinrich has actively shaped the European microwave community and especially EuMA in many functions" states Andy Gibson, chairman of the award committee. Wolfgang Heinrich has been active for many years in EuMA and IEEE boards as well as in the technical program committees of the European Microwave Week (EuMW) and the International Microwave Symposium. From 2010 to 2018, he was President of EuMA for three terms. During this period, EuMW has grown very successfully and has become the second largest microwave event in the world. Also, EuMA's further activities were systematically expanded, cooperation with the IEEE strengthened and a sister society agreement concluded. The prize was awarded on 01.10.2019 at this year's European Microwave Week in Paris.

EuMA has members throughout Europe. It is considered to be one of the internationally most important associations for scientists and engineers within microwave technology. The non-profit organization, based in Belgium, promotes cooperation within the field and strengthens microwave activities in Europe through education, training and public relations.

About the person

Wolfgang Heinrich received his diploma (1982), PhD (1987), and habilitation degree (1992) from the Technical University Darmstadt, Germany. In 1993 he joined the Ferdinand-Braun-Institut, where he now is head of the research area III-V electronics and deputy director of the institute. Since 2008, he is also with the Technical University Berlin as a professor for High Frequency Technologies. His research focuses on III-V MMICs, GaN power amplifiers, millimeter wave circuits and electromagnetic simulation.

A [portrait photo](#) can be downloaded from our website

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Background information – the FBH

The Ferdinand-Braun-Institut, Leibniz-Institut fuer Hoechstfrequenztechnik (FBH) researches electronic and optical components, modules and systems based on compound semiconductors. These devices are key enablers that address the needs of today's society in fields like communications, energy, health, and mobility. Specifically, FBH develops light sources from the visible to the ultra-violet spectral range: high-power diode lasers with excellent beam quality, UV light sources and hybrid laser systems. Applications range from medical technology, high-precision metrology, and sensors to optical communications in space and integrated quantum technology. In the field of microwaves, FBH develops high-efficiency multi-functional power amplifiers, and millimeter wave frontends targeting energy-efficient mobile communications as well as car safety systems. The FBH has a strong international reputation and ensures rapid transfer of technology by working closely with partners in industry and research. The institute has a staff of 300 employees and a budget of 37.9 million euros. It is part of the Forschungsverbund Berlin e.V., a member of the Leibniz Association and part of »Research Fab Microelectronics Germany«. www.fbh-berlin.com