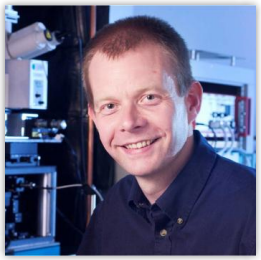

Mark Brongersma

PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING AND, BY COURTESY, OF APPLIED PHYSICS

Bio

Mark Brongersma is a Professor in the Department of Materials Science and Engineering at Stanford University. He received his PhD in Materials Science from the FOM Institute in Amsterdam, The Netherlands, in 1998. From 1998-2001 he was a postdoctoral research fellow at the California Institute of Technology. During this time, he coined the term “Plasmonics” for a new device technology that exploits the unique optical properties of nanoscale metallic structures to route and manipulate light at the nanoscale. His current research is directed towards the development and physical analysis of nanostructured materials that find application in nanoscale electronic and photonic devices. Brongersma received a National Science Foundation Career Award, the Walter J. Gores Award for Excellence in Teaching, the International Raymond and Beverly Sackler Prize in the Physical Sciences (Physics) for his work on plasmonics, and is a Fellow of the Optical Society of America, the SPIE, and the American Physical Society.

Academic Appointments

Professor, Materials Science and Engineering
Professor (By courtesy), Applied Physics
Member, Bio-X
Affiliate, Precourt Institute for Energy
Member, Wu Tsai Neurosciences Institute

Administrative Appointments

Deputy Director of the Geballe Laboratory for Advanced Materials, Stanford (2013 - Present)

Honors & Awards

Fellow, SPIE (2011)
Fellow, American Physical Society (2010)
Raymond and Beverly Sackler Prize in the Physical Sciences for Physics, Tel Aviv University (2010)
Fellow, Optical Society of America (2008)
Walter J. Gores Award for Excellence in Teaching, Stanford (2007)
CAREER Award, National Science Foundation (2004)

Boards, Advisory Committees, Professional Organizations

Co-founder of Rolith, Inc, Rolith, Inc; http://www.rolith.com/ (2008 - Present)

Member, The Bohmische Physical Society (1999 - Present)

Professional Education

PhD, FOM Institute for Atomic and Molecular Physics, Amsterdam, The Netherlands, Materials Science and Engineering (1998)

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