



ICFO Colloquium MARIN SOLJACIC 'Nanophotonics in material-systems of large sizes'

MARIN SOLJACIC

July 10, 2015

Friday, July 10th, 12:00, ICFO's Auditorium

MARIN SOLJACIC

MacArthur Fellow and Professor of Physics at MIT. \$\$ Marin Soljacic did his undergraduate studies at MIT (1996), and PhD studies at Princeton (2000). He became a Professor in physics at MIT in 2005. He is also a founder of WiTricity Corporation (2007), which aims to commercialize wireless power transfer. His main research interests are in electromagnetic phenomena, focusing on nanophotonics, non-linear optics, and wireless power transfer. He is a co-author of

158 scientific articles, and more than 60 issued US patents. He is the recipient of the Adolph Lomb medal from the Optical Society of America (2005), and the TR35 award of the Technology Review magazine (2006). In 2008, he was awarded a MacArthur fellowship "genius" grant.

He is a correspondent member of the Croatian Academy of Engineering since 2009. In 2011 he became a Young Global Leader (YGL) of the World Economic Forum. In 2014, he was awarded Blavatnik National Award.

Recent nano-fabrication developments enabled implementation of many nanophotonic techniques to macroscopic scales, which is crucial for many applications of interest (e.g. energy conversion, displays, lighting). Some of our recent work in this area will be presented.

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