

**MARYAM SHANECHI AND BHASKAR KRISHNAMACHARI**  
NAMED BY *POPULAR SCIENCE* AS “BRILLIANT 10”



The USC Viterbi School of Engineering congratulates professors **Bhaskar Krishnamachari** and **Maryam Shanechi** of the Ming Hsieh Department of Electrical Engineering for being named by *Popular Science* magazine as “Brilliant 10” for their contributions to the areas of wireless networks and brain-machine interfaces, respectively. To be considered for the prestigious designation, nominees have to be younger than 38 and undertaken groundbreaking work in their fields.

Krishnamachari, a Ming Hsieh Faculty Fellow, is developing a technique to reduce the cost of wirelessly sending information to cars and other vehicles. His research focuses on a completely new paradigm of vehicle-to-vehicle communications in which information is exchanged between cars.

Shanechi, the Viterbi Early Career Chair, has developed the first brain-machine interface (BMI) that allows paralyzed subjects to move their own arm in two dimensions using their thoughts alone, as well as the next generation of BMI systems that offers the possibility of controlling neuropsychiatric disorders such as depression and PTSD.

Both faculty have previously been named among the “top global innovators under 35” by *MIT Technology Review*.

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