



Broadband Micromechanical Antenna

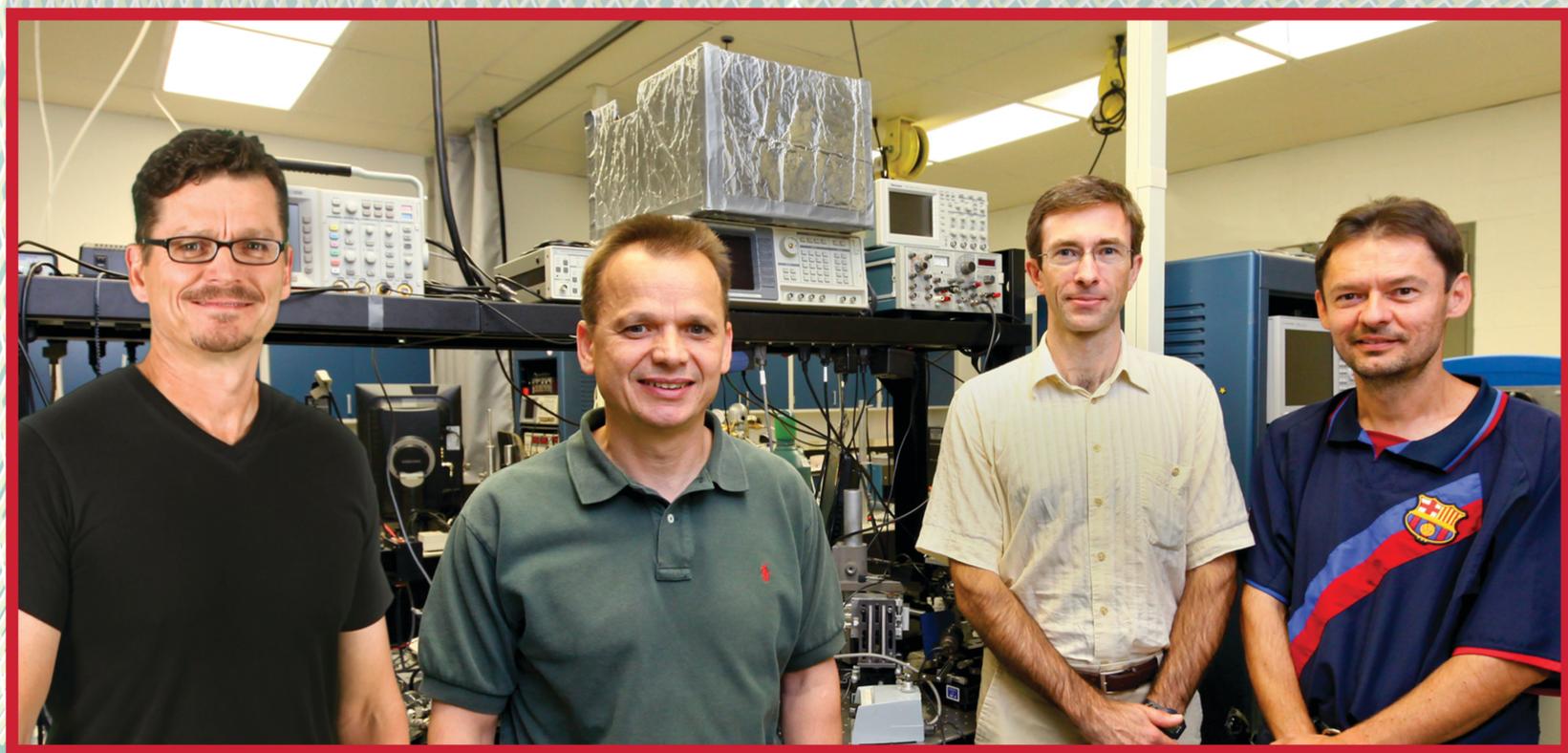
A small electronic device that can replace traditional long metal antennas. It represents a potentially revolutionary system that detects very small electric fields over large frequency ranges while maintaining substantial power efficiency. The technology can affect magnetic field sensing, remote-sensing applications, lightning detection, and underground and underwater telecommunication.

Developed by

Oak Ridge National Laboratory

Sponsored by

Oak Ridge National Laboratory's Laboratory Directed Research and Development program.



Recipients : From left: Dayrl Briggs, Panos Datskos, Nickolay Lavrik, and Slobodan Rajic



Point of contact: Panos Datskos • datskospg@ornl.gov • 865.574.6205