

Electrical and Computer Engineering Professor Receives Patent for new Antenna Structure, Algorithm

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News Release — March 10, 2022 — Utah State University electrical and computer engineering professor Bedri A. Cetiner received a patent earlier this year for a new class of intelligent antenna technology and algorithm.



USU electrical and computer engineering professor Bedri A. Cetiner received a patent earlier this year for a new class of intelligent antenna technology and algorithm. The patent Cetiner and his team received is for a new physical structure for an antenna and a new algorithm for controlling the intelligence structure of an antenna

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When it comes to advancements in this technology, Cetiner said developments need to support faster, higher-quality communication. Increasing the quality of antennas can also increase energy efficiency and is better on batteries because antennas will need to use less power.



Bedri A. Cetiner and Glendyn D. King test an antenna.

“Our antennas are very efficient in terms of power and cost and they do a great job,” he added.

Cetiner says it feels wonderful to receive this patent and to see his work and the work of his team pay off.

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