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We are in “The Business of Invention”: inventing advanced technologies, enabling others in the ecosystem, and licensing our solutions across the industry. We solve many of the industry’s most critical and complex technical challenges years ahead of market deployment, helping drive smarter, more efficient broadband networks and a richer multimedia experience.

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InterDigital to Collaborate with Columbia University on National Science Foundation Research Grant

posted on September 23rd, 2014
written by sstocker

Three professors from [Columbia University](#), in collaboration with InterDigital’s Dr. Ariela Zeira as the industrial principal co-investigator, have been awarded a \$750,000 three-year grant from the [National Science Foundation](#) (NSF) Enhancing Access to the Radio Spectrum (EARS) Program for a project titled “Low-Power, Multi-Tiered, Shared-Spectrum Access Terminals using Compressive Scanning and On-Top-of-CMOS BAW Filter Banks.”

This project will evaluate challenges that exist in a multi-tiered, shared-spectrum access communication system. The research will focus on using tier-3 cognitive radio terminals to dynamically leverage spectrum

that is being underutilized at the time. InterDigital's industrial partnership will provide the research professors with real-world application expertise and system integration knowledge.

To learn more about the research grant, visit: http://www.nsf.gov/awardsearch/showAward?AWD_ID=1343282&HistoricalAwards=false.

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