CCSU

DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, October 4
3:00 – 4:00 PM
Maria Sanford, Room 101

COMPRESSIVE SENSING AND THE DISCRETE COSINE TRANSFORM

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ONLINE PRESENTATION

Abstract: The talk will begin with an introduction to compressive sensing, an area of mathematics that focuses on the representation and recovery of sparse vectors using a small number of linear measurements. Following the introduction, a well-known sparse recovery algorithm based on the discrete Fourier transform will be reviewed. The talk will culminate with a discussion of a related algorithm based on the discrete cosine transform. This presentation is based on a joint work with a recent master's student, Benjamin Barros.

To join us online use the following link: https://ccsu.webex.com/meet/gotchev
For further information: gotchevi@ccsu.edu; 860-832-2839
http://mathcolloquium.sites.ccsu.edu/