RUTGERS
UNIVERSITY | NEWARK

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

Colloquium

MIN-MAX CONSTRUCTION OF ANISOTROPIC CMC SURFACES

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ABSTRACT:

We prove the existence of nontrivial closed smooth surfaces with constant anisotropic mean curvature with respect to elliptic integrands in closed smooth 3-dimensional Riemannian manifolds. Joint work with G. De Philippis.

$4 - 5$pm
Thursday, November 2, 2023
Room 204, Smith Hall