

11th ANNUAL PROBABILITY & STATISTICS DAY AT UMBC

FUNDED BY NATIONAL SECURITY AGENCY

APRIL 21, 2017

INFORMATION TECHNOLOGY/ENGINEERING (ITE) BUILDING
LECTURE HALL 7 (ROOM 104)

Workshop on
**Our physical world: Finding the curves and
surfaces**

Presented by

Doug Nychka

National Center for Atmospheric Research, Boulder, Colorado

Final Program

1:00 PM - 2:00 PM **REGISTRATION:** LOBBY, ITE BUILDING

2:00 PM - 2:15 PM **WELCOME**

- Thomas Mathew
Conference Chair, UMBC

INTRODUCTION OF SPEAKER

- Nagaraj Neerchal, UMBC

2:15 PM - 3:05 PM **LECTURE 1:** An introduction to spatial statistics

3:15 PM - 4:05 PM **LECTURE 2:** Spatial data analysis in R

4:05 PM - 4:30 PM **COFFEE BREAK**

4:30 PM - 5:20 PM **LECTURE 3:** A multi-resolution spatial model

5:30 PM - 6:20 PM **LECTURE 4:** Statistics and inverse problems