Mathematical Patterns in Nature

John A. Adam, PhD
Old Dominion University

Patterns abound in the natural world:
- cloud formations
- rainbows
- animal markings
- leaf and seed arrangements
- wave patterns
- halos and coronas

After a visual survey of some of these patterns, the underlying mathematical structure will be examined as an exercise in mathematical modeling.

Date: Friday, May 18, 2007
Time: 10:30 am
Location: Clark Hall G054

Organizer: Irina Mitrea, Department of Mathematics
Supported by the National Science Foundation