Geophysical Fluid Dynamics Program Sears Lecture On Growth and Form: Geometry, Physics and Biology Thurs. August 4, 2 pm Redfield Auditorium Water Street, Woods Hole

Public reception to follow



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ABSTRACT

The diversity of form in living beings led Darwin to state that it is "enough to drive the sanest man mad". How can we describe this variety? How can we predict it? Motivated by biological observations on different scales from molecules to tissues, I will show how a combination of physical experiments, mathematical models and simple computations allow us to begin to unravel the physical basis for morphogenesis.