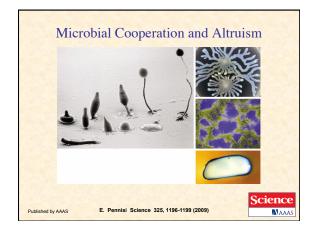


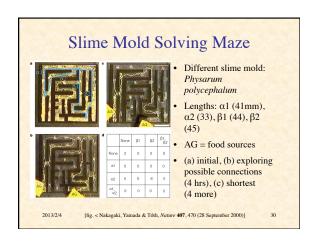
Cooperation and Altruism in Dicty Cooperation is essential to Dicty signaling and aggregation "Altruism" is essential in stalk formation How is cooperation encouraged and cheating discouraged? In one case the same gene prevents cheating

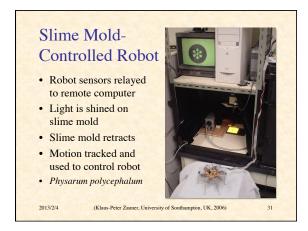
and allows cohesionGreen-beard genes?

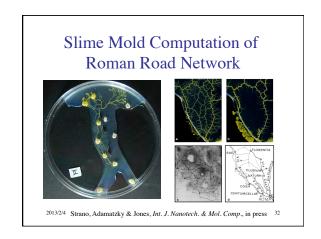
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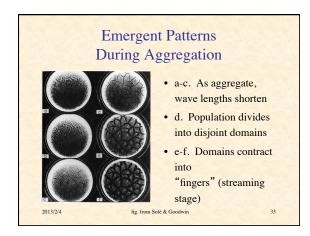
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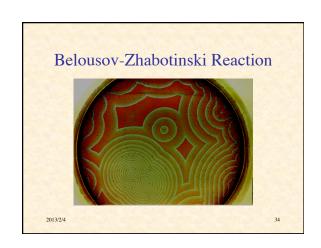


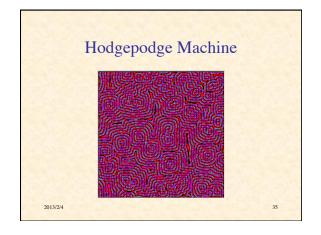


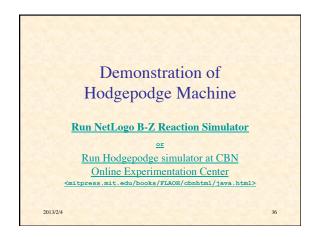












Universal Properties

- What leads to these expanding rings and spirals in very different systems?
- Under what conditions do these structures form?
- What causes the rotation?
- These are all examples of excitable media

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