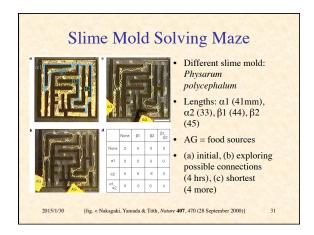
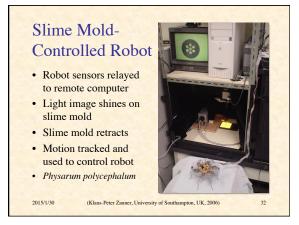
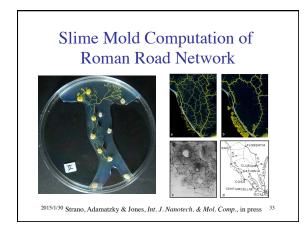


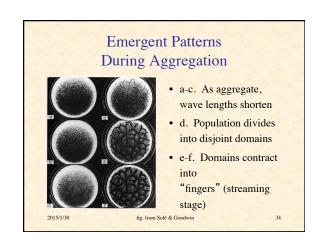
Cooperation and Altruism in Dicty • Cooperation is essential to Dicty signaling and aggregation • "Altruism" is essential in stalk formation • How is cooperation encouraged and cheating discouraged? • In one case the same gene prevents cheating and allows cohesion • Green-beard genes?

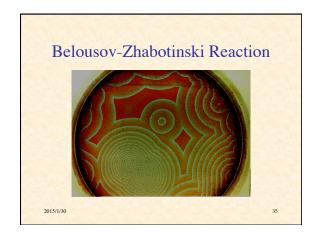


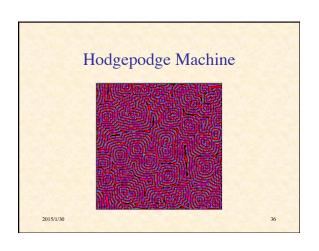


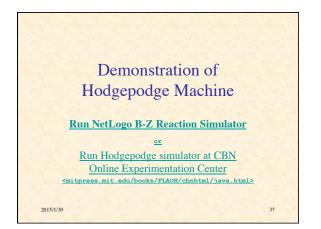












Universal Properties

- 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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