

Physical approaches to biological problems

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Indicate in which axis your team relates to:

Axis 1: Controlling and programming biological living matter.

Axis 2: Emergence of spatial and temporal organization in living matter.

Axis 3: Information processing and dynamics of biological active matter.

~~Axis 4: Driving evolution within living systems.~~

Team expertise:

- Soft active matter / Active mechanics
- Active liquid crystals, active gels
- Active electrohydraulics
- Spatio-temporal organization within living cells

Question of Interest and/or Collaboration wanted:

- Strong interactions with experimentalists
- Systems of interests range from in-vitro reconstituted systems to living systems
- Across scales: from intracellular to cellular and tissue scale

