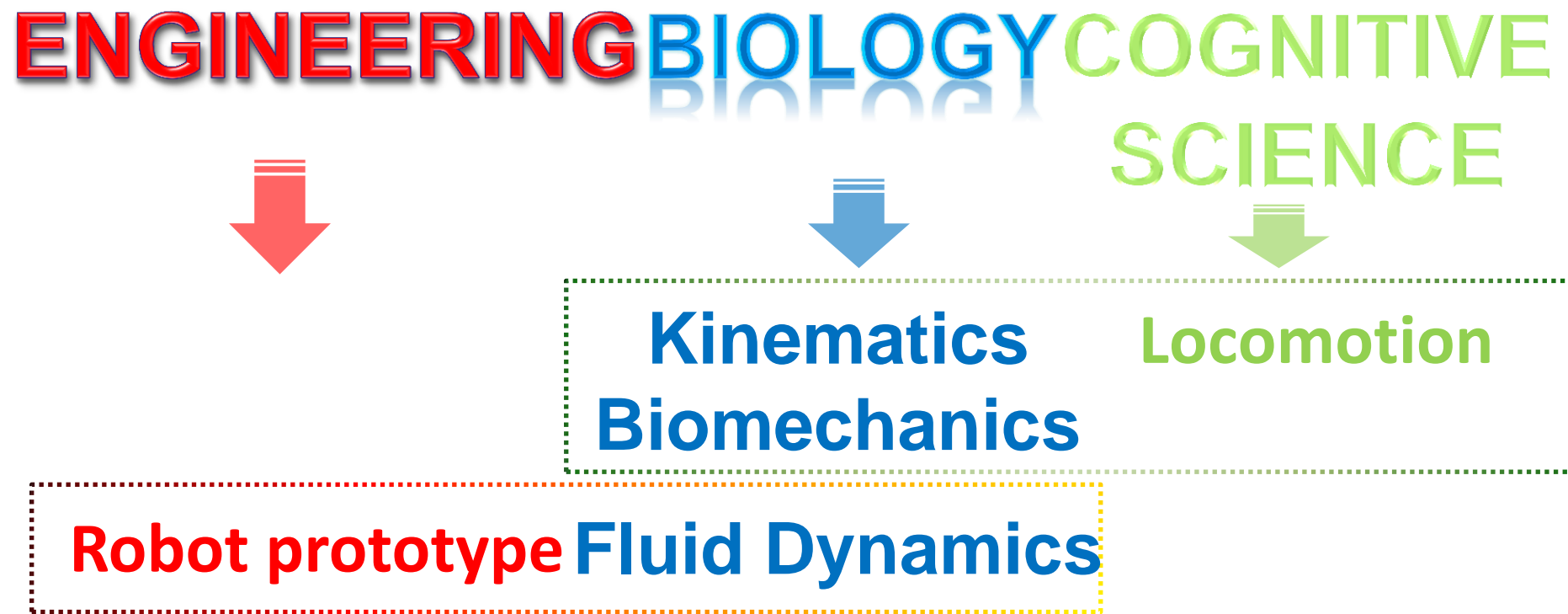


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SEA URCHIN PROJECT

To develop a robot bioinspired by sea urchin (with soft and hard appendages) to deeply understand and reproduce his locomotion view as an emergent cognitive process

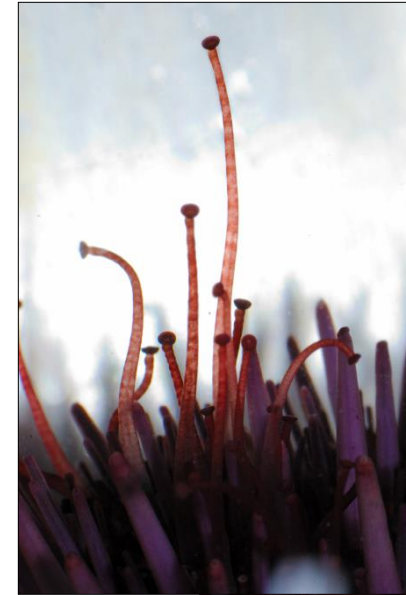


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SEA URCHIN PROJECT

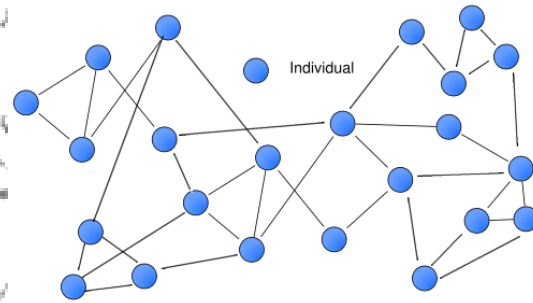
BIOLOGY

- Kinematics of soft and hard appendages
- Kinematics whole sea urchin
- Biomechanics of water vascular system



COGNITIVE SCIENCE

- Complex system Dynamic
- Self-organizing phenomenon
- Design of a Complex Periodic Limit Cycle (locomotion)



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SEA URCHIN PROJECT

BIOLOGY

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COGNITIVE SCIENCE

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