The CCNLab Strategy and Mission:

Give rise to a diverse range of phenomena..

Bridging Levels:

Computational / math:

- Boltzmann machines
- Deep nets, SRN's..
- Bayes?

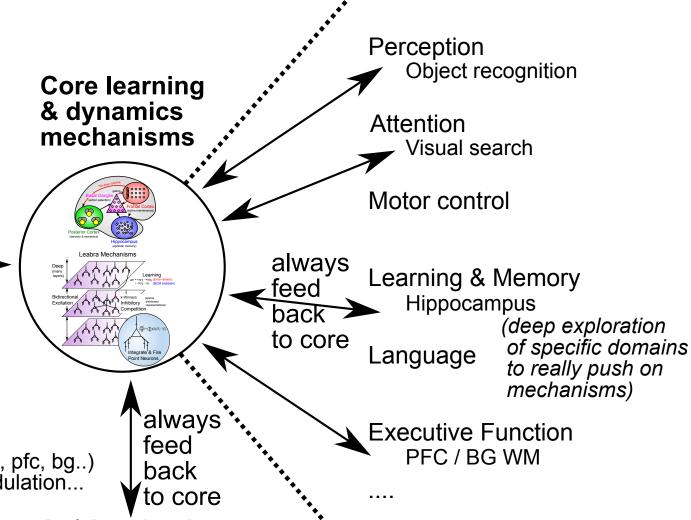
"It must work!"

Seek synergies in the "golden middle" ——

"It must be true!"

Biological:

- Neocortical lamina
- Thalamocortical loops
- Area specializations (hippo, pfc, bg..)
- STDP, inhibition, neuromodulation...



Al / Applications:

- embodied robots
- automated sensemaking
- high accuracy object recognition

- ..