The Robotic Visual Learner

Yezhou Yang, Cornelia Fermüller, Yiannis Aloimonos

**Computer Vision**: Focused on recognizing single human actions like walking, jumping.

**Robotics**: Focused on learning exact motions from demonstration in lab environments.

**Cognitive Robotics**: An automatic approach to learn actions from the World Wide Web and execute them with reusable modules in a never ending learning manner.

**Current state of the research**: Robot learns manipulation action plans by “watching” YouTube instructional videos and learning the intermediate goals instead of exact movements.

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