Robot Vision Lab
Purdue University

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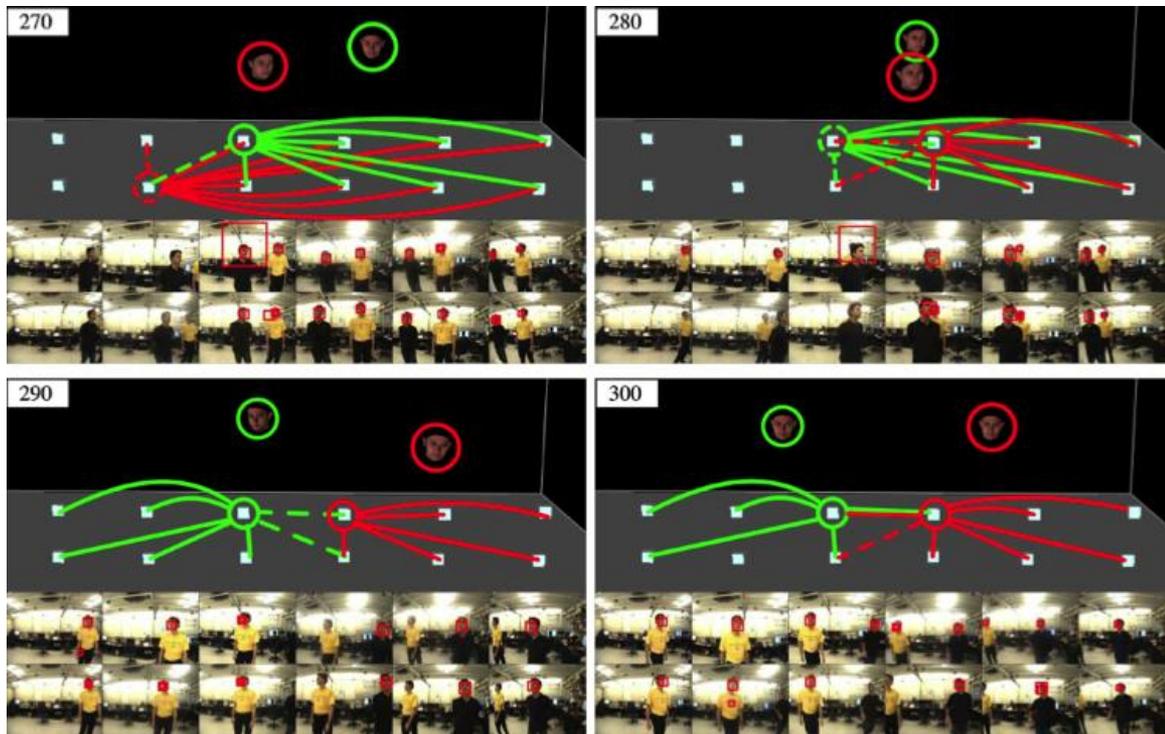
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Purdue Robot Vision Lab (RVL)

- Over 30 years of experience in all facets of computer vision and image processing

- Rich tradition of active collaboration with industry
  - Developed vision-based line tracking system for Ford
  - Developed a multi-camera based face tracking and recognition system for Olympus
  - Developed robust tracking of objects in wide-area surveillance video

Our Unique Capabilities for Janus

- Our unique abilities include multi-camera face tracking and face pose estimation (IEEE TIP'10)
- Our another qualification is the creation of first "N-Viewer Familiarity Benchmark" with N=2 at this time for unconstrained face recognition

We would like to partner with:

- A system integrator
- An organization interested in putting together large ground-truth databases for unconstrained face recognition
- An organization with expertise in effect of aging and expression on the performance of face recognition algorithms

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