Predicting human gaze using low-level saliency combined with face detection (W49)

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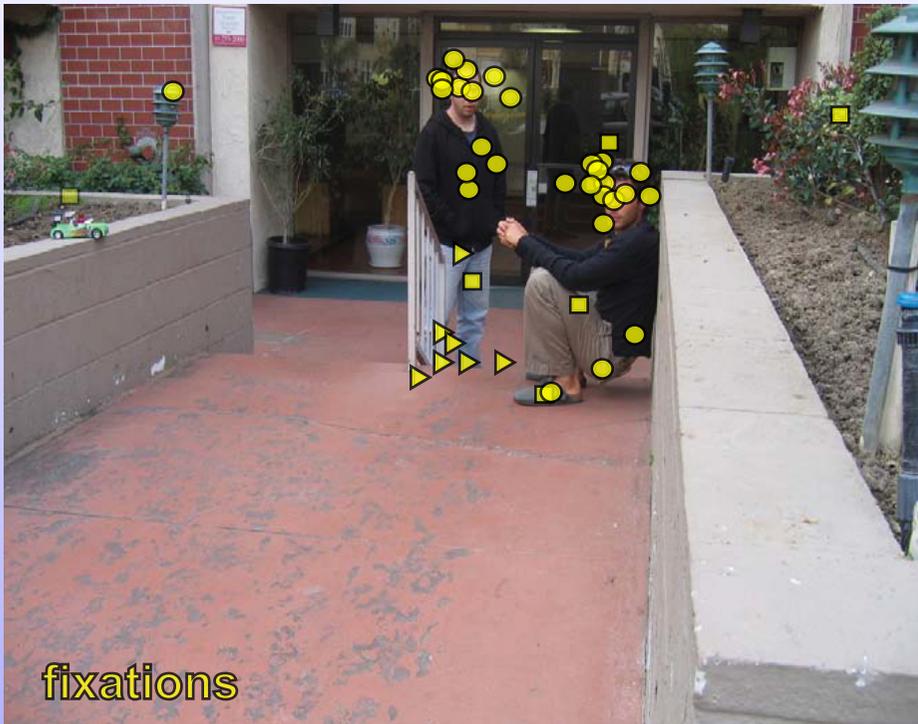
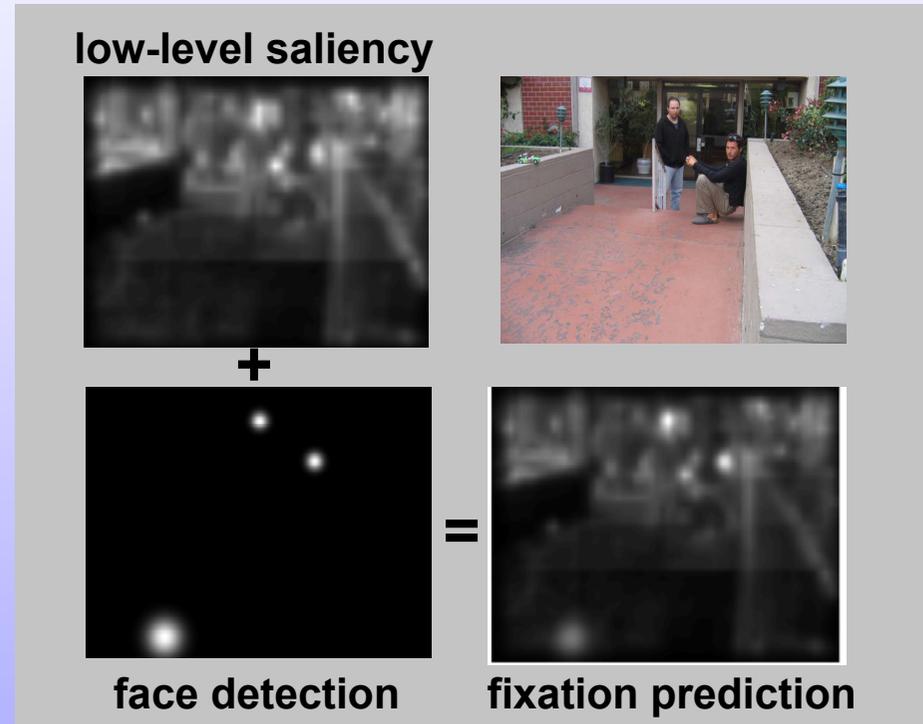

Humans look at faces
(early and irrespective of task)

Combined Model
(face + low-level saliency)

- Combined model outperforms saliency in predicting fixations.
- Holds even *if there is no face in the image* (hallucinated faces).
=> Specialized bottom-up "face channel" for human attention.