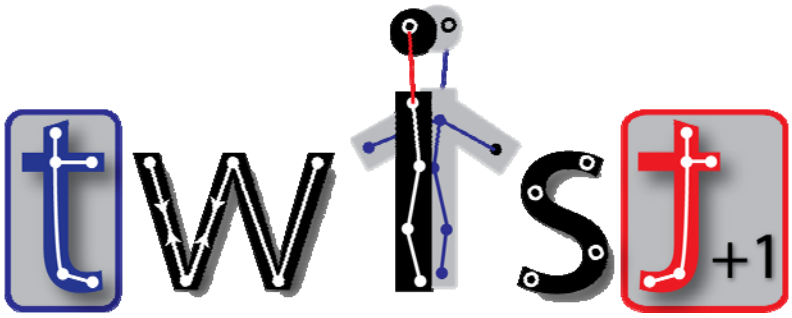

## Tracking with Structure in Computer Vision

The main goal of the **twist$_{+1}$** project is to develop a framework that enables solutions to practical problems of computer vision using approaches that strongly use structure. This framework shall be applicable to the areas where structural computer vision methods are foreseen to be very useful like Segmentation, Tracking and Stereo Vision. Therefore we will focus on the following subgoals:

- finding object correspondences in image sequences,
- finding object correspondences in images from different viewpoints, and
- finding object correspondences in image sequences from different viewpoints

The combination of these approaches into a single framework, would simplify the solutions of many practical problems. We expect these methods to perform better, especially in terms of robustness and speed.

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