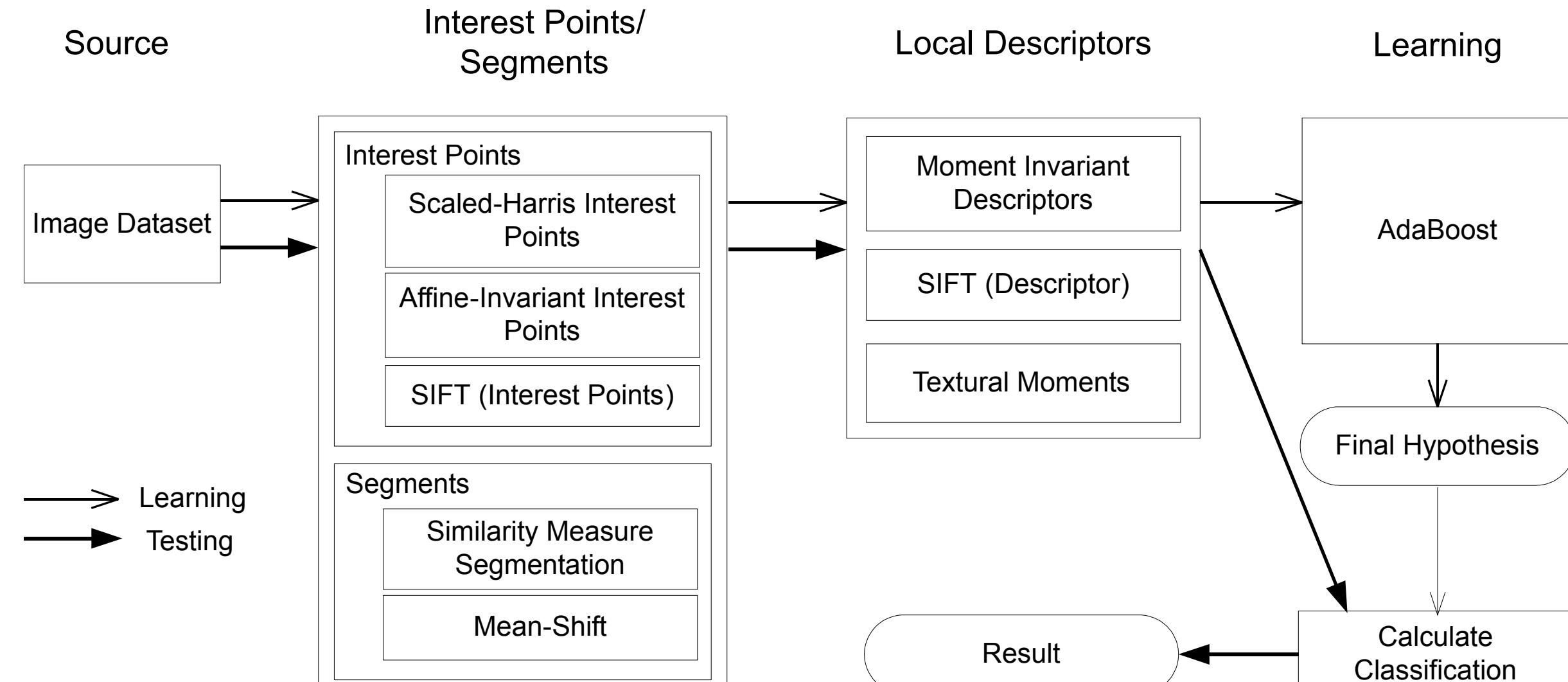


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<http://www.emt.tugraz.at/~tracking>

Object Recognition and Categorization



	Segmentation	Interest Points	Others
Airplanes	91.7 (SM)	88.9 (Mom.Inv.)	90.2 (Fergus et al. CVPR 2003)
Faces	98.2 (SM)	93.5 (Mom.Inv.)	96.4 (Fergus et al. CVPR 2003)
Cars(Rear)	96.5 (SM)	92.1 (Mom.Inv.)	90.3 (Fergus et al. CVPR 2003)
Bikes	85 (SM)	86.5 (SIFT)	X
Persons	X	80.8 (SIFT)	X

Results (ROC equal error rate)

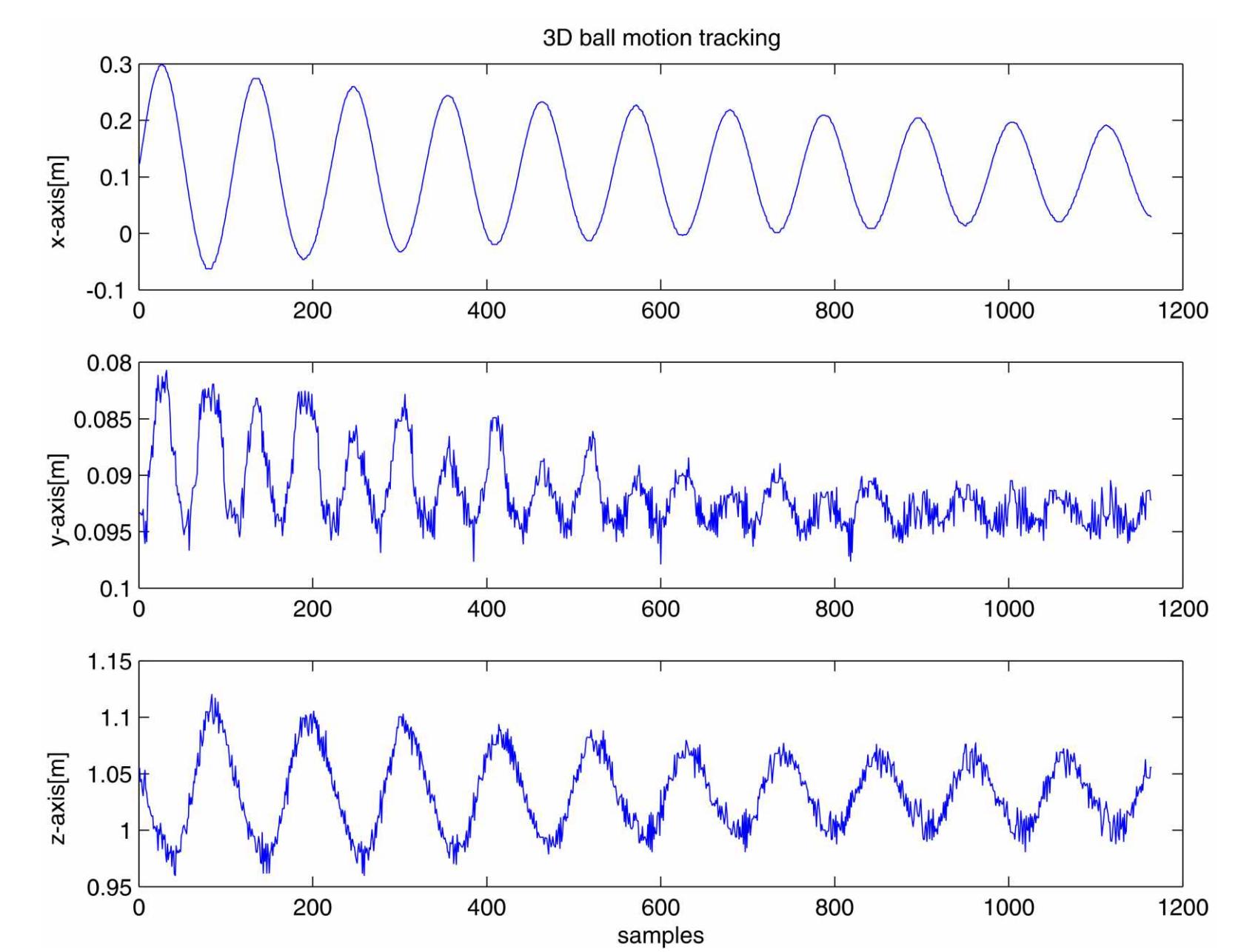
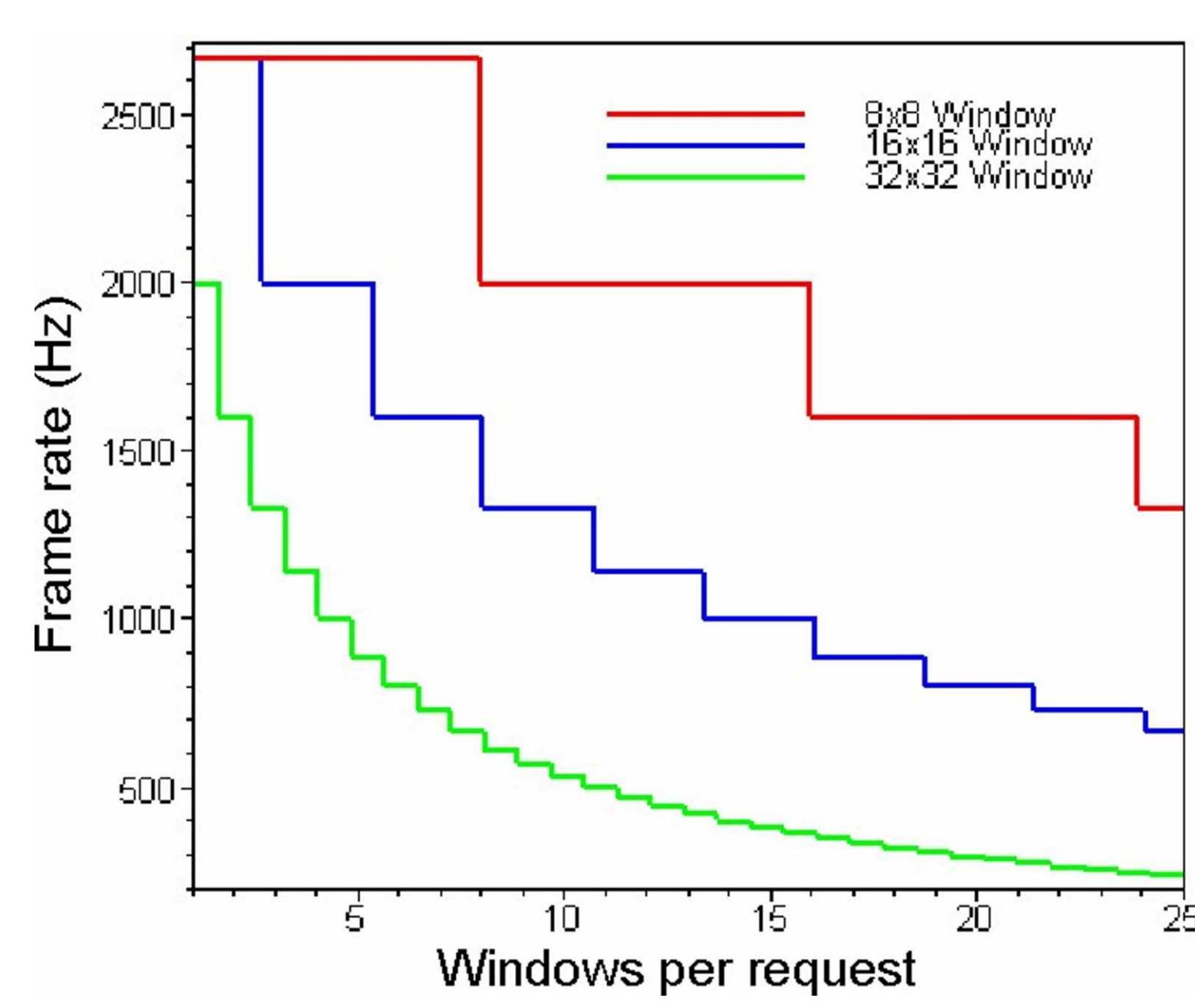
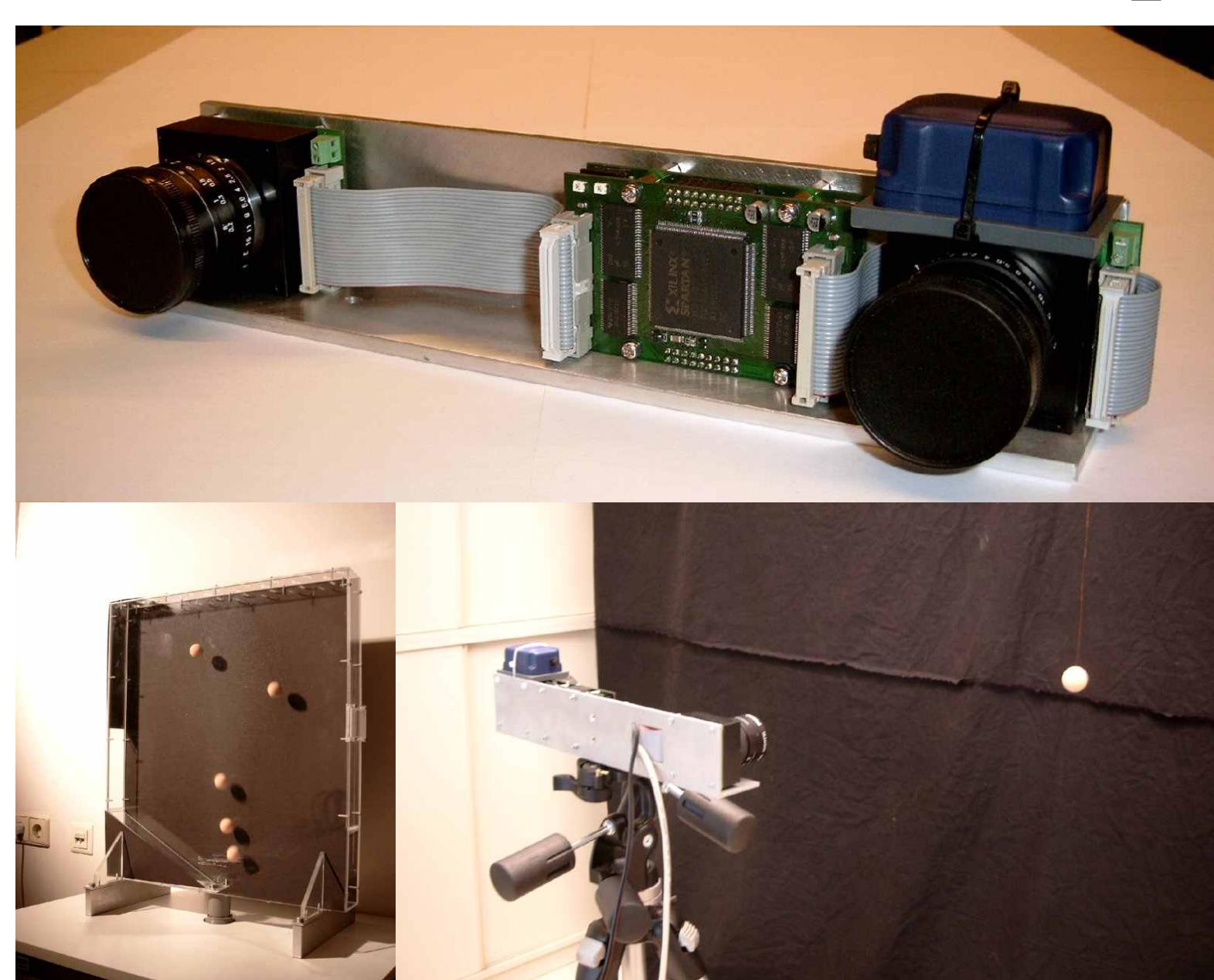


Complex image database



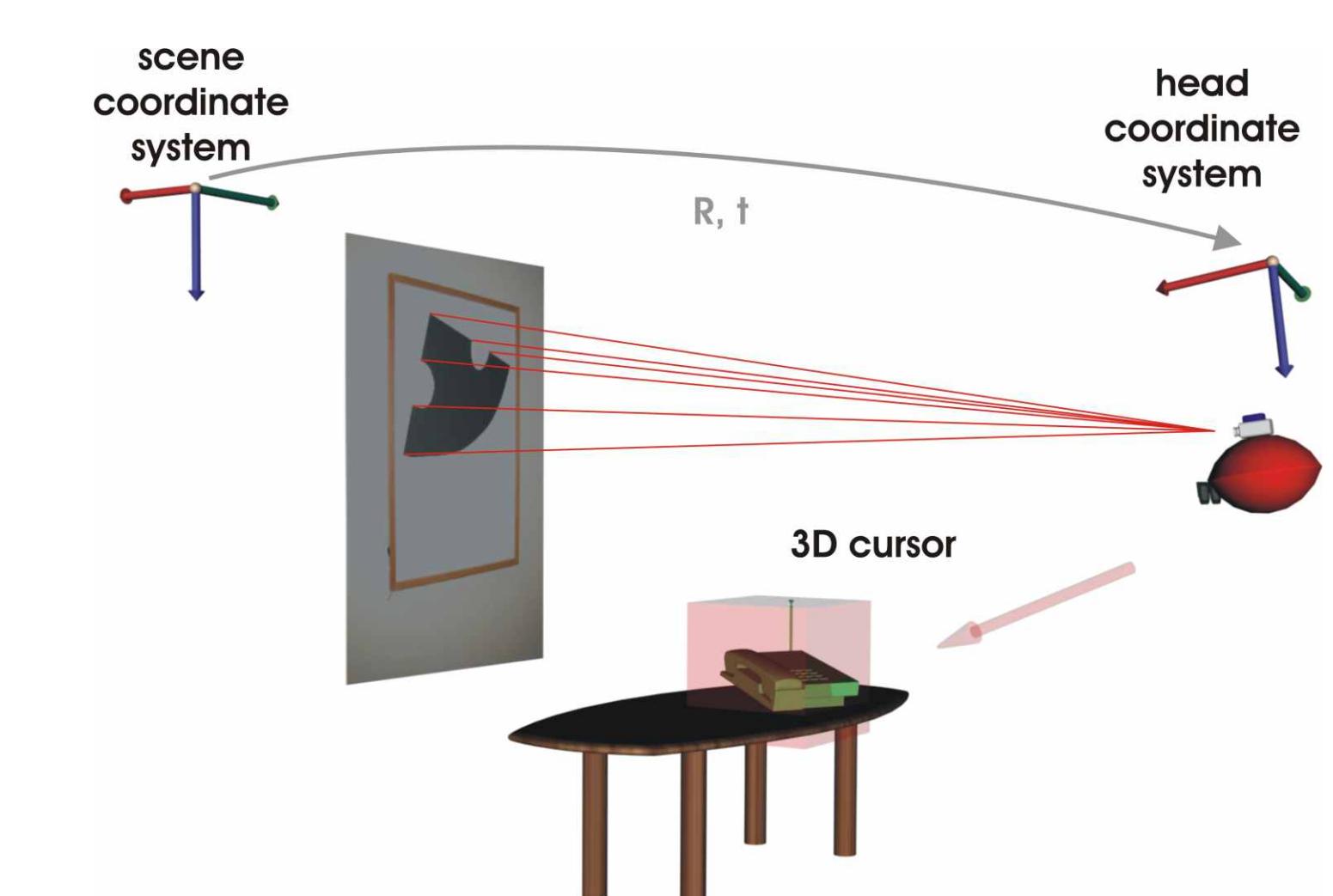
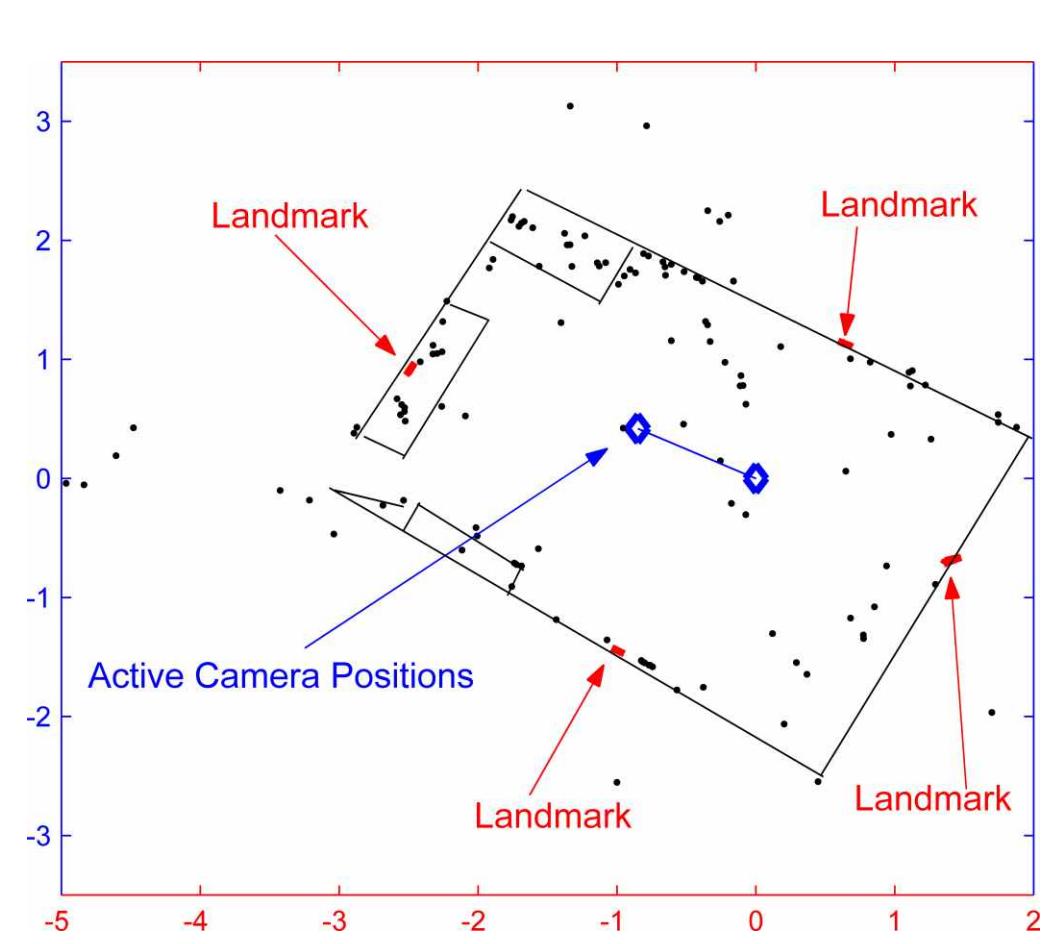
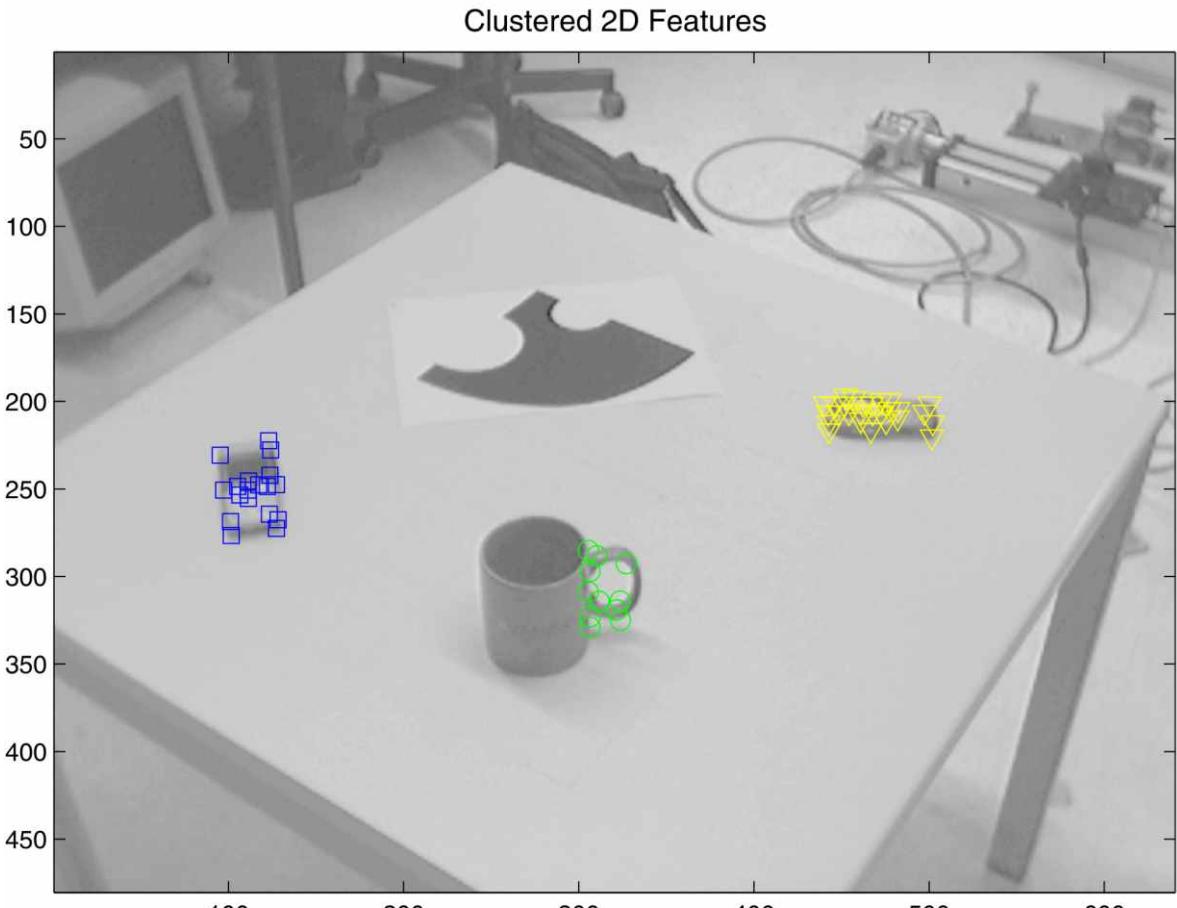
Hypotheses localization

Active Vision “On the Chip”



+ A new, versatile sensor for high-speed real-time tracking, etc.

Spatio-Temporal Analysis



+ Ongoing research, towards on-line spatio-temporal reasoning

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