



**UNIVERSITY OF CENTRAL FLORIDA**  
CENTER FOR RESEARCH IN COMPUTER VISION

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## University of Amsterdam

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“Object tracking”  
Friday, August 2, 2013 · 2:00PM · HEC 101



### ABSTRACT

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In contrast, the task of tracking in computer vision, in spite of being the older topic, is believed to be at a younger state of development. This is attributed to the intrinsic difficulty of the task. In our contribution to the topic, we have recently conducted an international experimental review [11] aiming to order and to cover all circumstances a tracking algorithm may encounter. The size of the dataset, the number of trackers, and the evaluation metrics at the group level provide insight what trackers perform well under what circumstances, providing provisional insights what are characteristics of good trackers, and the hardness of the problem.

### BIOGRAPHY

Arnold W.M. Smeulders is director of COMMIT, the nation-wide public-private research program for ICT, at CWI. He is chairman of IPN, the national policy committee of the national science and member of the national top team for ICT. With Cees Snoek, he leads the ISIS-research group on image and video search engines at the University of Amsterdam for research in the theory and practice of visual search, sponsored nationally and internationally. The group has been given the top-rank in the last two visits of the international visitation on ICT in the Netherlands. He is co-owner of Euvision Technologies BV, a company spun off from the UvA.