8:30 Opening Ardy Goshtasby

Session 1: Image Registration I (Chair: Ardy Goshtasby)
8:35 Metropolis-Hasting techniques for finite-element based registration (Invited)
   Frederic Richard, Adeline Samon
9:25 Research issues in image registration for remote sensing (Invited)
   Roger D. Eastman, Jacqueline Le Moigne, Nathan Netanyahu
9:55 Fourier methods for nonparametric image registration
   Nathan Cahill, Alison Noble, David Hawkes

10:10 Break

Session 2: Image Registration II (Chair: Roger D. Eastman)
10:30 Gradient intensity: A new mutual information-based registration method
   Ramtin Shams, Parastoo Sadeghi, Rodney A. Kennedy
10:45 Keypoint descriptors for matching across multiple image modalities and non-linear
   intensity variation, Avi Kelman, Michal Sofka, Charles Stewart
11:00 Local shape registration using boundary-constrained match of skeletons
   Yun Zhu, Xenophon Papademetris, Albert Sinusas, James Duncan
11:15 Map-enhanced UAV image sequence registration and synchronization of multiple image
   sequences, Yu-Ping Lin, Gerard Medioni
11:30 Robust Bayesian estimation and normalized convolution for super-resolution image
   reconstruction, Antonis Katartzis, Maria Petrou
11:45 Real-time image matching based on multiple view kernel projection
   Quan Wang, Suya You
12:00 Multiphase segmentation of deformation using logarithmic priors
   Igor Yanovsky, Paul Thompson, Stanley Osher, Luminita Vese, Alex Leow
12:15 Shape matching through particle dynamics warping
   Gady Agam Suneel Suresh

12:30 Lunch Break

Session 3: Image Fusion (Chair: Antonis Katartzis)
14:00 The effect of pixel-level fusion on object tracking in multi-sensor surveillance video
   N. Cvejic, S.G. Nikolov, H. D. Knowles, A. Loza, A. Achim, D. R. Bull, C. N. Canagarajah
14:30 An adaptive focal connectivity algorithm for multifocus fusion
   Harishwaran Hariharan, Andreas Koschan, Mongi Abidi