



# UNIVERSITY OF LOUISVILLE CVIP LABORATORY



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## From Images to Models and Hypothesis Testing – Examples of the State-of-the-Art in Multimodality Medical Imaging Analysis

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***Aly A. Farag*** was educated at Cairo University (B.S. in Electrical Engineering), Ohio State University (M.S. in Biomedical Engineering), University of Michigan (M.S. in Bioengineering), and Purdue University (Ph.D. in Electrical Engineering). Dr. Farag joined the University of Louisville in August 1990, where he is currently a Professor of Electrical and Computer Engineering. His research interests are concentrated in the fields of Computer Vision and Medical Imaging. Dr. Farag is the founder and director of the Computer Vision and Image Processing Laboratory (CVIP Lab), which supports a group of over 20 graduate students, research staff and postdocs. Dr. Farag's contribution has been mainly in the areas of active vision system design, volume registration, segmentation and visualization, where he has authored or co-authored over 200 technical articles -- many have appeared in leading journals and international meetings in the fields of computer vision and medical imaging. Dr. Farag has been associate editor of *IEEE Transactions on Image Processing* and member of the organizing committee of various international meetings. He is a regular reviewer for a number of technical journals worldwide and to national and international agencies including the NSF, NIH, Research Counsel of Canada, The Austrian Academy, and the Academy of Science of New Zealand. He is a Senior Member of the IEEE and SME, and a member of Sigma Xi and Phi Kappa Phi. Since 2002, Dr. Farag has been awarded a University Scholar designation.

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