数学与系统科学研究院

计算数学所学术报告

报告人： **Dr. Yu Zeyun**

（*Computer science at University of Wisconsin-Milwaukee*）

报告题目：

Recent Advances in Biomedical Image Segmentation

邀请人： 徐国良研究员

报告时间：**2010 年 12 月 31 日（周五）下午 14：00**

报告地点： 科技综合楼三层 **311** 计算数学所报告厅

Abstract：

In this talk, I'll discuss a couple of popular approaches to image segmentation. In particular, I'll talk about multi-seeded region growing method, constrained graph-cut method, and level set method. Examples on all of these approaches will be presented.

Biography:

Prof. Zeyun Yu received the B.S. degree in mathematics from Peking University, Beijing, China, in 1996 and the M.S. degree in pattern recognition and machine intelligence from Chinese Academy of Sciences, Beijing, China, in 1999. He was awarded the Ph.D. degree in computer science from The University of Texas at Austin in 2006, followed by a two-year postdoctoral training in computational mathematics at UC-San Diego. He is currently an assistant professor in computer science at University of Wisconsin-Milwaukee.

Dr. Yu's research interests include image processing, geometric processing, and numerical simulation and visualization of various biomedical problems. His current work is focused on multi-scale realistic 3-D modeling of cardiac cell contraction using image analysis and numerical simulation approaches, which is supported by NIH, UW-Milwaukee, and UC-San Diego.

欢迎大家参加！