

# Southwest Conference on Integrated Mathematical Methods in Medical Imaging

Arizona State University | February 6 - 7, 2010



The Southwest Conference on Integrated Mathematical Methods in Medical Imaging will be held Feb 6-7, 2010 at Arizona State University, with funding provided by the National Science Foundation (NSF) and Institute for Mathematics and Its Applications (IMA). The meeting will focus on the mathematical understanding of the consequences of modern data collection strategies used in medical imaging, in particular, MRI, with respect to the generation of high fidelity images. This conference will bring together researchers from mathematical sciences and engineering as well as practitioners from the biomedical community.

Confirmed Speakers (preliminary):

Yoram Bresler (U of Illinois, Urbana), Oscar Bruno (Caltech), Somantika Datta (Princeton), Stacey Levine (Duquesne), Jim Pipe (Barrow Neurological Institute), Rodrigo Platte (Oxford), Lingling Pu (U of Arizona), Justin Romberg (Georgia Tech), Ted Trouard (U of Arizona), Luminita Vese (UCLA), Ed Walsh (Brown), Guowei Wei (Michigan State), Wotao Yin (Rice).

There will be a poster session on Feb. 6. We encourage students and post-docs to contribute poster presentations. Some student and post-doc travel funds are available. Please see

<http://math.asu.edu/~scimm/travel.html>

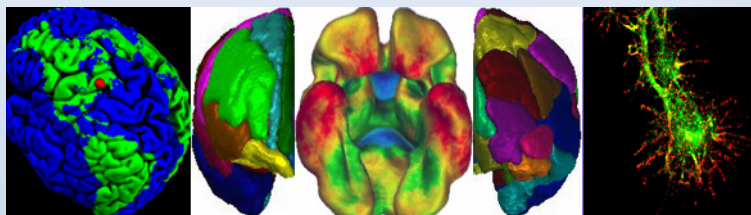
IMA Participating Institution (PI) members may apply for IMA/PI funds to support travel of their personnel (faculty and grad students). Also see <http://math.asu.edu/~scimm/travel.html>

For participants who arrive by 3pm on Friday, a tour of the Keller Imaging Center facilities will be arranged, to include the 3T human scanner and the 7T animal facility. This is intended particularly for student and junior participants who may be interested to know more about scanning facilities and protocols.

Meeting Website:

<http://math.asu.edu/~scimm/>

Contact: [scimm@math.asu.edu](mailto:scimm@math.asu.edu)



Courtesy of ACE, Clinical Trials Imaging Lab