SIPAIM 2014

10th International Symposium on Medical Information Processing and Analysis

Cartagena de Indias, Colombia

	Tuesday October 14	Wednesday October 15	Thursday October 16
9:00 am - 9:45 am	**Lecture 1** **Aggelos Katsaggelos**	**Lecture 3** **Franco Lepore**	**Lecture 5** **Nick Hine**
9:45 am - 10:00 am	**Coffee Break**		
10:00 am - 11:20 am	**Medical And Biomedical Imaging I:** Brain Analysis	**Medical And Biomedical Imaging II:** Heart	**E-health and Telemedicine II:** Software Development
	Biosignals	**Imaging Of Biosignals I:** Functional Brain	**Imaging Of Biosignals II:** Segmentation
11:20 am - 11:30 am	**Coffee Break**		
11:30 am - 12:15 pm	**Lecture 2** **Anant Madabhushi**	**Lecture 4** **Luciana Nedel**	**Lecture 6** **Maxime Descoteaux**
12:15 pm - 2:00 pm	**Lunch**		
2:00 pm - 3:20 pm	**Analysis Of Medical Procedures Through Imaging I:** Cancer	**Medical And Biomedical Imaging III:** Registration	**Imaging Of Biosignals II:** Segmentation
	Digital Pathology	**E-health and Telemedicine I**	**Biomedical Image Analysis I:** Image Enhancement
3:20 pm - 3:30 pm	**Coffee Break**		
3:30 pm - 5:30 pm	**Tutorial 1** Model-based biomedical signal processing **Alfredo Hernández, Ph.D.**	**Tutorial 3** Applications of Sparse Signal Representation for Medical Imaging Processing and Analysis. **José Luis Paredes, Ph.D.**	**Tutorial 5** Análisis de imagen médica y modelos computacionales en el diagnóstico, tratamiento y seguimiento de enfermedades vasculares **Ignacio Larrabide, D.Sc.**
	Tutorial 2 Machine Learning for Biomedical Image Analysis **Fabio Gonzalez, Ph.D.**	**Tutorial 4** Magnetic Resonance Imaging Physics **Cristina Santa-Marta, Ph.D.**	**Tutorial 6** Post-processing methods for children's brain MRI **Natasha Lepore, Ph.D.**