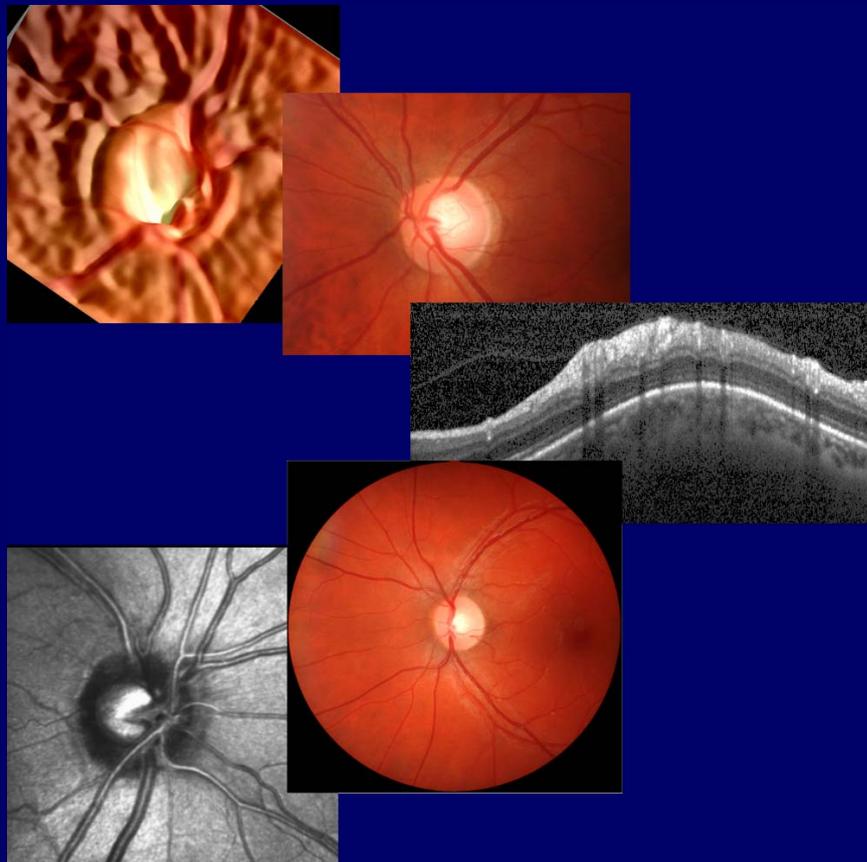




4th International SAOT Workshop on Optics in Medicine

"Retina Image Processing"

March 09-10, 2009
Erlangen, Germany



Workshop Chair:

Professor J. Hornegger, Professor G. Michelson

Local Organizing Committee:

Dipl.-Inf. R. Bock (Chair); Ms Christina Ort

----- Program -----

Preliminary Program

Monday, March 09	
08:30	<i>Registration</i>
09:00	<i>Michelson, Georg</i> - University Erlangen - Nuremberg Opening Remarks
09:15	<i>Hornegger, Joachim</i> - University Erlangen - Nuremberg "Retina image processing in Erlangen: A long tradition"
09:45	<i>Izatt, Joseph A.</i> - Duke University, Durham, USA "Retina optical coherence tomography: Technology and image processing requirements"
10:30	Coffee break
11:00	<i>Hitzenberger, Christoph</i> - Medical University Vienna, Austria "Recent developments in polarization sensitive OCT of the human retina"
11:45	<i>Fujimoto, James G.</i> - Massachusetts Institute of Technology, Cambridge, USA "High speed and high resolution optical coherence tomography"
12:30	LUNCH
13:30	<i>Nyúl, László G.</i> - University of Szeged, Hungary "Image segmentation for retina analysis"
14:15	<i>Abrámoff, Michael D.</i> - University of Iowa and Veterans' Administration Medical Centers, Iowa City, USA "Massive large scale, computer assisted detection of retinal disease"
15:00	Coffee break
15:20	<i>Jan, Jiri</i> - Brno University of Technology, Czech Republic "Retinal image analysis of the DAR group at Brno University of Technology"
16:05	Back to the Hotel

Evening Program (*)	
17:00	Bus transfer to Bamberg
17:45	"The Night Watchman's Call" Guided City Tour through the World Cultural Heritage Site Bamberg
19:15	Dinner in Bamberg
22:15	Bus transfer to Erlangen

(*) Applications are welcome (only restricted attendance possible)

Tuesday, March 10	
09:00	<i>Tobin, Kenneth W.</i> - Oak Ridge National Laboratory, Oak Ridge, USA "A telemedicine network for the automated diagnosis of diabetic retinopathy"
09:45	<i>Ruggeri, Alfredo</i> - University of Padova, Italy "Development of an automatic system for the analysis of fundus images"
10:30	Coffee break
11:00	<i>Ishikawa, Hiroshi</i> - University of Pittsburgh, USA "Software approach to improve qualitative and quantitative clinical OCT imaging"
11:45	<i>Cabrera DeBuc, Delia (nee Fernández)</i> - Bascom Palmer Eye Institute, Miami, USA "Characterization of structural and optical changes of retinal layers with optical coherence tomography: A new view of early detection of diabetic retinopathy"
12:30	Lunch
13:30	<i>Chauhan, Balwantray</i> - Dalhousie University, Halifax, Canada "Applications of confocal scanning laser tomography in glaucoma"
14:15	<i>Zangwill, Linda</i> - University of California, San Diego, USA "Glaucoma detection using optical imaging techniques"
15:00	Coffee break
15:20	<i>Hornegger, Joachim</i> - University Erlangen - Nuremberg "Computer assisted glaucoma screening"
16:05	End of Workshop



Bamberg



"Retina Image Processing"

Conference Venue:
Hans-Georg Waeber-Saal
Schottkystraße 10 91058 Erlangen

