Scientific Session I: Intravascular Surgical Planning
Location: Mayer Auditorium/Frank Administration Building
3:00 - 8:10 AM
Balbik Kuehl
Chairman and Organizer of the Symposium
Director of the USC Brain Mapping Project
Title: Welcome & Program Review
8:00 - 8:30 AM
Steven Gamm, M.D.
Chairman of the USC Neurosurgery Department
Title: Introduction and Opening Remarks
8:30 - 8:50 AM
Dana Brown, M.D.
Chair of the USC School of Medicine
Title: A-EK & Its Future
8:50 - 9:30 AM
Ferenc A. Jolesz, M.D.
B. Leonard Holman Professor of Radiology, Vice Chairman for Research, Director of the Division of MRI and Image-Guided Therapy Program, Department of Radiology, Brigham and Women's Hospital, New England Medical School
Title: Impact of Intra-Operative MRI on the Surgical Results for High Grade Glioma
9:30 - 9:50 AM
Questions and Answers with the Panel
9:50 - 10:00 AM
Coffee Break
Scientific Session II: Functional Neuroimaging
Location: Mayer Auditorium/Calhoun Administration Building
10:00 - 10:20 AM
Maizot Singh, Ph.D.
Professor of Neurology and Biomedical Engineering at USC
Title: Mapping Brain Connectors by DTI and Neuroinformatics
10:30 - 10:40 AM
Jean-Jacques Leonard, Ph.D.
University of California at San Francisco
Title: Imaging of Brain Function with In Vivo Intra-Operative MRI
10:40 - 11:00 AM
Professor and Image Processing Institute Department of Electrical Engineering at USC
Title: Dynamic Imaging of Human Brain Function with Magnetoencephalography
11:00 - 11:20 AM
Michael Loewenstein, M.D.
Affiliate Professor of Biomedical Engineering at Yale University Hospital and University of Southern California
Title: Multiphoton and Fluorescence Microscopy of Deep Brain Structures
11:20 - 11:40 AM
Bohumil Bartsch, M.D., F.A.C.S.
Associate Professor, Vice Chair, Academic Affairs & Director of the USC Brain Mapping Program
Department of Neurological Surgery, Keck School of Medicine of USC
Title: Imaging of Intraretinal Choroidal Ucers Using YAG Laser: A New Tumor Selective Photobiol Afterglow
11:40 - 11:55 AM
Questions and Answers with the Panel