

**SIXTH ANNUAL WORLD COURSE IN  
ADVANCED TECHNIQUES IN NEUROSURGICAL ONCOLOGY  
LONDON, UK, JUNE 7-11, 2017**



**MITCHEL BERGER, MD**

**Awake craniotomy** with mapping  
for glioma in eloquent part of brain

**LIVE** from UCSF, San Francisco, **USA**



**GEORGE JALLO, MD**

**Spinal cord glioma** with  
neurophysiology mapping

**LIVE** from Johns Hopkins All Children's, **USA**



**HELMUT BERTALANFFY, MD**

**Brain stem lesion** with  
neurophysiology mapping

**LIVE** from INI, Hannover, **Germany**



**LORENZO BELLO, MD**

**Awake craniotomy** with mapping  
for motor pathway glioma

**LIVE** from Milan University, **Italy**



**JINSONG WU, MD**

**Awake craniotomy** with mapping  
for glioma in 3T intraoperative MRI

**LIVE** from Fudan University, Shanghai, **China**

**EARLY BIRD  
EXCLUSIVE!**

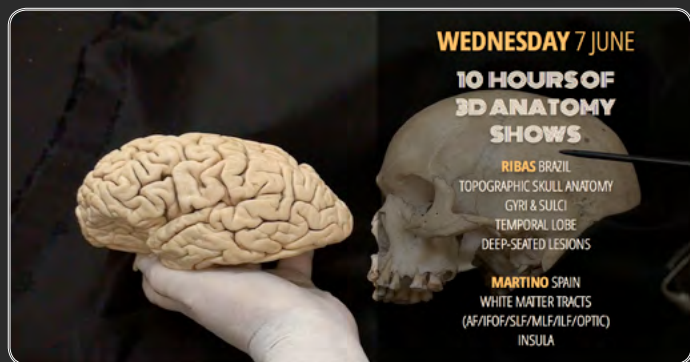
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5 DAYS PROGRAM AT A GLANCE



**WEDNESDAY 7 JUNE**  
**10 HOURS OF 3D ANATOMY SHOWS**

**RIBAS BRAZIL**  
 TOPOGRAPHIC SKULL ANATOMY  
 GYRI & SULCI  
 TEMPORAL LOBE  
 DEEP-SEATED LESIONS

**MARTINO SPAIN**  
 WHITE MATTER TRACTS  
 (AF/FOF/SLF/MLF/ALF/OPTIC)  
 INSULA



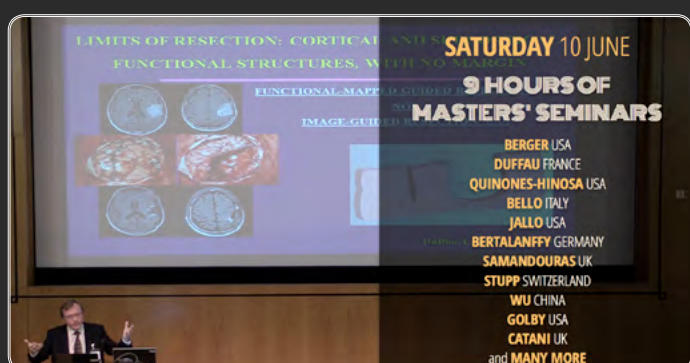
**THURSDAY 8 JUNE**  
**12 HOURS OF LIVE SURGERY**

**BERGER USA** - AWAKE FOR GLIOMA  
**BELLO ITALY** - AWAKE FOR MOTOR CORTEX GLIOMA  
**JALLO USA** - SPINAL CORD GLIOMA  
**BERTALANFFY GERMANY** - BRAIN STEM LESION  
**WU CHINA** - AWAKE ON 3T-MRI



**FRIDAY 9 JUNE**  
**HANDS ON WORKSHOPS**

1. CORTICAL STIMULATION
2. ROBOTIC NAVIGATION
3. ADVANCED OPTICS
4. ULTRASONIC ASPIRATION
5. INTRAOPERATIVE NEUROPHYSIOLOGY
6. 3D TRACTOGRAPHY
7. WHITE MATTER TRACTS & DTI SOFTWARE
8. ADVANCED OR TECHNOLOGIES



**SATURDAY 10 JUNE**  
**9 HOURS OF MASTERS' SEMINARS**

**BERGER USA**  
**DUFFAU FRANCE**  
**QUINONES-HINOSA USA**  
**BELLO ITALY**  
**JALLO USA**  
**BERTALANFFY GERMANY**  
**SAMANDOURAS UK**  
**STUPP SWITZERLAND**  
**WU CHINA**  
**GOLBY USA**  
**CATANI UK**  
 and **MANY MORE**



**SUNDAY 11 JUNE**  
**DEBATES - DISCUSSIONS  
 COMPLICATIONS**

BRING YOUR DIFFICULT CASES  
 ASK THE MASTERS  
 "WINE AND CHEESE" DISCUSSION  
 OF COMPLICATIONS AND LESSONS  
 LEARNED

FACULTY



**GEORGE SAMANDOURAS - COURSE DIRECTOR**  
 Consultant Neurosurgeon  
 The National Hospital for Neurology and  
 Neurosurgery, Queen Square  
 London, UK



**MITCHEL BERGER - COURSE DIRECTOR**  
 Professor and Chairman  
 Department of Neurosurgery  
 University of California  
 San Francisco, USA



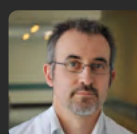
**HUGUES DUFFAU**  
 Professor and Chairman  
 Department of Neurosurgery  
 University of Montpellier, France



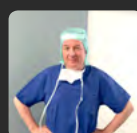
**ALFREDO QUIÑONES-HINOJOSA**  
 William J. and Charles H. Mayo Professor  
 Chair, Neurologic Surgery  
 Mayo Clinic, Jacksonville, USA



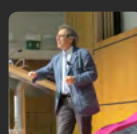
**GEORGE JALLO**  
 Professor of Neurosurgery  
 Director of Pediatric Neurosurgery  
 Johns Hopkins All Children's Hospital, USA



**LORENZO BELLO**  
 Professor of Neurosurgery  
 Università degli Studi di Milano  
 Head of NeuroSurgical Oncology Unit  
 Humanitas Neuro and Cancer, Milan, Italy



**HELMUT BERTALANFFY**  
 Professor of Neurosurgery  
 Director of Vascular Neurosurgery  
 International Neuroscience Institute  
 Hannover, Germany



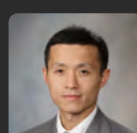
**ROGER STUPP**  
 Professor of Oncology, University of Zürich  
 Chairman, Department of Oncology and  
 Cancer Center University of Zürich Hospital  
 Zürich, Switzerland



**WALTER STUMMER**  
 Professor and Chairman  
 Department of Neurosurgery  
 Munster University Hospital  
 Munster, Germany



**GUILHERME RIBAS**  
 Professor of Surgery  
 University of São Paulo Medical School  
 Neurosurgeon, Albert Einstein Hospital  
 São Paulo, Brazil



**JINSONG WU**  
 Professor, Glioma Surgery Division  
 Department of Neurosurgery  
 Shanghai Medical College, Fudan University  
 Shanghai, China

and many more

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