

Monday, August 31, 2015**Zurich Course on Diagnostic Neuroradiology**

- 08.00 Registration open
- 09.00 Welcome, **A. Valavanis** and **S. W. Atlas**
- 09.10 New concepts of brain anatomy applied to neuroimaging,
A. Valavanis
- 10.00 Neuroanatomy and imaging of the insula and the neo-
pallium, **T. P. Naidich**
- 10.40 **COFFEE BREAK**
- 11.00 Neuroanatomy and imaging of the basal ganglia,
T. P. Naidich
- 11.40 Neuroanatomy and imaging of the limbic system,
T. P. Naidich
- 12.30 Discussion
- 13.00 **LUNCH**
- 14.00 Neuroanatomy and imaging of the brain stem and cere-
bellum, **T. P. Naidich**
- 14.45 Neuropathology of brain tumors: an overview, **E. Rushing**
- 15.30 **COFFEE BREAK**
- 16.00 MRI of brain tumors: fundamental and advances,
S. W. Atlas
- 16.45 Brain tumors: case discussion, **S. W. Atlas**

- 17.30 The Annual Zurich Course Special Lecture
Introduction, **A. Valavanis**

A developmental ontology for the mammalian brain based
on the prosomeric model, **L. Puellies**

- 18.30 Discussion

- 19.00 **WELCOME RECEPTION**
at the Foyer of the Lecture Hall

Tuesday, September 1, 2015

- 08.00 Registration open
- 09.00 The architectonics of the cerebral white matter: an introduction,
A. Valavanis
- 09.45 Neuroimaging of human brain connections, **S. Kollias**
- 10.30 **COFFEE BREAK**
- 11.00 MRI of Multiple Sclerosis and White Matter diseases,
S. W. Atlas
- 11.40 White Matter diseases: case discussion, **S. W. Atlas**
- 12.30 Discussion
- 13.00 **LUNCH**

- 14.00 Vessel wall imaging, **T. Krings**
- 14.45 Intracranial haemorrhage: principles of imaging,
S. W. Atlas
- 15.30 **COFFEE BREAK**
- 15.50 Intracranial haemorrhage: case discussion, **S. W. Atlas**
- 16.30 Diagnostic neuroradiology of cavernomas and of
developmental venous anomalies, **A. Valavanis**
- 17.15 Brain AVMs: what the neuroradiologist needs to report,
A. Valavanis
- 17.45 Intracranial aneurysms: what the neuroradiologist needs to
report, **T. Krings**
- 18.30 Discussion with the faculty
- 19.00 *End of the day*

Wednesday, September 2, 2015

- 08.00 Registration open
- 09.00 Stroke imaging: current status, **S. W. Atlas**
- 09.45 Stroke: case discussion, **S. W. Atlas**
- 10.40 **COFFEE BREAK**
- 11.00 Patient selection for the endovascular treatment of acute
ischemic stroke: the role of the neuroradiologist,
K. terBrugge
- 11.45 Discussion

23rd Zurich Course on Interventional Neuro- radiology

- 12.00 Welcome and introduction, **A. Valavanis**
- 12.10 Introductory lecture:
Cardiocentrism versus encephalocentrism in interventional
neuroradiology, **A. Valavanis**
- 13.00 **LUNCH**
- 14.00 Architectonic organization of acute ischemic stroke and
implications for endovascular treatment, **A. Valavanis**
- 14.45 Endovascular treatment of anterior circulation ischemic stroke,
G. Baltasvias
- 15.15 **COFFEE BREAK**
- 15.40 Endovascular treatment of posterior circulation ischemic stroke,
K. terBrugge
- 16.15 Endovascular treatment of intracranial atherosclerotic stenosis:
when and how, **T. Krings**
- 16.45 Update on carotid artery stenting, **M. Tanaka**
- 17.15 Discussion, **A. Valavanis, K. terBrugge, T. Krings,**
G. Rodesch, G. Baltasvias, M. Tanaka
- 17.45 Hands-on-workshop on mechanical thrombectomy,
G. Baltasvias, C. Kurz-Yasargil, M. Keller
- 19.00 **WELCOME RECEPTION**
at the Foyer of the Lecture Hall

Thursday, September 3, 2015

08.00 Registration open

09.00 Functional vascular anatomy of the head and neck,

G. Rodesch09.30 Natural history of intracranial DAVFs and indications for endovascular treatment, **K. terBrugge**10.00 The venous architecture of intracranial DAVFs,
G. Baltasvias10.30 **COFFEE BREAK**10.50 Endovascular treatment of intracranial DAVFs with video work-shop, **A. Valavanis**11.45 Embolization of hypervascular tumors of the skull base, head and neck, **A. Valavanis**

12.30 Discussion

13.00 **LUNCH**14.00 Embolization of intracranial tumors, **A. Valavanis**

14.45 Vascular anatomy of the spine and spinal cord,

G. Rodesch15.15 Classification of spinal vascular malformations, **T. Krings**15.45 **COFFEE BREAK**16.10 Endovascular treatment of paraspinal AVFs and spinal DAVFs, **K. terBrugge**16.45 Endovascular treatment of spinal peri- and intramedullary AVFs/AVMs, **G. Rodesch**17.30 Embolization of spinal tumors, **A. Valavanis**18.15 Discussion, **A. Valavanis, G. Rodesch, K. terBrugge, T. Krings, G. Baltasvias**

19.30

COURSE DINNER
AT THE "ZUNFTHAUS ZUR MEISEN"
MÜNSTERHOF 20, 8001 ZÜRICH**Friday, September 4, 2015**

08.00 Registration open

09.00 Natural history and clinical presentation of brain AVMs,
K. terBrugge09.30 Angioarchitecture of brain AVMs, **G. Rodesch**10.15 **COFFEE BREAK**10.30 Cerebral proliferative angiopathy, **A. Valavanis**11.30 Targeted embolization of brain AVMs, **T. Krings**12.15 Brain AVMs/AVFs in the pediatric population, **K. terBrugge**13.00 **LUNCH**14.00 Brain evolution and the topology of brain AVMs,
A. Valavanis15.00 Curative embolization of neopallial AVMs, **A. Valavanis**15.45 **COFFEE BREAK**16.10 Curative embolization of callosal AVMs, **A. Valavanis**

- 16.50 Curative embolization of archipallial (limbic), paleopallial and subpallial AVMs, **A. Valavanis**
- 17.15 Curative embolization of diencephalic, mesencephalic, cerebellar and rhombencephalic AVMs, **A. Valavanis**
- 17.45 Video workshop on embolization of brain AVMs and discussion, **A. Valavanis, K. terBrugge, G. Rodesch, G. Batsavias, T. Krings**

Saturday, September 5, 2015

- 08.00 Registration open
- 09.00 Aneurysmal vasculopathy and implications for endovascular treatment, **T. Krings**
- 09.30 Cisternal architectonics and its interaction with the aneurysm wall, **A. Valavanis**
- 10.15 **COFFEE BREAK**
- 10.30 Natural history of unruptured aneurysms: update, **K. terBrugge**
- 11.00 Endovascular treatment of acutely ruptured intracranial aneurysms (with video demonstration), **A. Valavanis**
- 12.00 Endovascular considerations in dissecting intracranial aneurysms, **G. Rodesch**
- 12.40 **LUNCH**

- 13.10 Dissecting aneurysms of the cerebellar arteries: endovascular treatment, **S. Husain**
- 13.40 Endovascular treatment of complex and giant intracranial aneurysms, **T. Krings and A. Valavanis**
- 14.15 Discussion and concluding remarks
- 14.30 **END OF THE COURSE**

European CME credits (ECMEC) have been applied at the European Accreditation Council for Continuing Medical Education (EACCME).
US physicians may have the EACCME European Credits converted to AMA Category 1 Credit.