



## MAIN MENU

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## Program

Written by Administrator  
Montag, 18 Februar 2008

# Monday, August 22, 2016

## Course on Diagnostic Neuroradiology

08.00 Registration open

09.00 Welcome address, **S. W. Atlas** and **A. Valavanis**

**Topic: Neuroradiology of the insula and telencephalon**

09.10 The role of the insula in the evolution of the telencephalon and implications for neuroimaging, **A. Valavanis**

10.00 Neuroimaging anatomy and topography of the insula, **T. P. Naidich**

10.40 **COFFEE BREAK**

11.00 Function and dysfunction of the insula, **T. P. Naidich**

11.30 Diagnostic neuroradiology of insular pathology, **A. Valavanis**

12.00 Embryogenesis and neuroimaging analysis of the cerebral cortex,  
**T. P. Naidich**

12.45 Discussion

13.00 **LUNCH**

**Topic: Neuroradiology of brain tumors**

**Special lecture:**

14.00 Classification of brain tumors: pathology or genetics? **P. Kleihues**

14.45 Neuroimaging of brain tumors: fundamentals, **S. W. Atlas**

15.30 **COFFEE BREAK**

16.00 On the behavior of gliomas as assessed by neuroimaging, **A. Valavanis**

16.30 Neuroimaging of rare phakomatoses, **T. P. Naidich**

17.15 Technology innovation in neuroradiology: trends and clinical implication,  
**S. W. Atlas**

18.00 Discussion

18.30 **WELCOME RECEPTION**  
*at the Foyer of the Lecture Hall*

## Tuesday, August 23, 2016

08.00 Registration open

**Topic: Neuroradiology of the cerebral white matter and its diseases**

09.00 The architectonics of the cerebral white matter: as revealed by fibre dissection technique, **N. Krayenbühl**

09.45 Application of tractography in clinical neuroimaging, **S. Kollias**

10.30 **COFFEE BREAK**

11.00 Corpus callosum: embryogenesis and neuroimaging, **T. P. Naidich**

11.40 MRI of multiple sclerosis and white matter diseases, **S. W. Atlas**

12.30 Discussion

13.00 **LUNCH**

**Topic: Neuroradiology of cerebrovascular disease**

14.00 Stroke imaging: current status, **S. W. Atlas**

14.45 Neuroimaging of the vessel wall: technique and clinical applications, **T. Krings**

15.30 **COFFEE BREAK**

15.50 Intracranial hemorrhage: principles of imaging, **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, **T. Krings**

17.45 Intracranial aneurysms: what the neuroradiologist needs to report, **T. Krings**

18.30 Discussion

## Wednesday, August 24, 2016

08.00 Registration open

**Topic: Diagnostic Neuroradiology of the skull base**

09.00 Neuroradiology of the temporal bone, **S. Kollias**

09.45 Neuroradiology of the orbit, sella turcica and cavernous sinus, **S. W. Atlas**

10.30 **COFFEE BREAK**

11.00 Neuroradiology of the nasopharynx and paranasal sinuses, **S. Kollias**

11.45 Cranial nerves: neuroanatomy of their intramedullary and cisternal courses,  
**T. P. Naidich**

12.30 Discussion

13.00 **LUNCH**

## **Course on Interventional Neuroradiology**

14.00 Welcome and introduction, **A. Valavanis**

**Topic: Interventional neuroradiology of the skull base**

14.05 Functional vascular anatomy of the skull base, **G. Rodesch**

14.45 Interventional neuroradiology of paragangliomas of the head and neck,  
**A. Valavanis**

15.30 **COFFEE BREAK**

16.00 Interventional neuroradiology in intractable epistaxis and in nasopharyngeal angiofibromas, **G. Rodesch**

16.45 Interventional neuroradiology of vascular and neoplastic lesions of the cavernous sinus, **G. Rodesch**

17.30 Interventional neuroradiology of meningiomas and neurinomas of the skull base, **A. Valavanis**

18.00 Discussion

18.30 **WELCOME RECEPTION**  
*at the Foyer of the Lecture Hall*

## **Thursday, August 25, 2016**

08.00 Registration open

08.00 Hands-on Workshop (provided by main sponsor)

**Topic: Intracranial dural AVF's and tumors**

09.00 Intracranial dural AVF's: natural history, classification and the role of inter-

ventional neuroradiology, **K. terBrugge**

09.45 Venous analysis of intracranial dural AVF's and its impact on treatment,

**G. Baltasvias**

10.30

**COFFEE BREAK**

11.00 Video workshop: Embolization of intracranial dural AVF's, **A. Valavanis and**

**G. Baltasvias**

12.00 Embolization of hypervascular intracranial tumors, **A. Valavanis**

12.45 Discussion

13.00

**LUNCH**

**Topic: Interventional neuroradiology of ischemic stroke**

14.00 Cardiocentrism versus encephalocentrism in clinical neuroscience with

special reference to acute stroke, **A. Valavanis**

15.00 Endovascular treatment of anterior circulation stroke, **G. Baltasvias**

15.40

**COFFEE BREAK**

16.00 Endovascular treatment of posterior circulation stroke, **K. terBrugge**

16.40 Carotid artery stenting: update, **M. Tanaka**

17.00 Carotid stenting without filter devices, **S. Husain**

17.20 Intracranial atherosclerotic disease: current status of interventional neuro-radiology, **T. Krings**

18.00 Discussion

## Friday, August 26, 2016

08.00 Registration open

**Topic: Interventional neuroradiology of brain AVM's**

### Special lecture:

09.00 Topography and mode of penetration of cerebral blood vessels relative to the prosomeric model, **L. Puelles**

09.40 The angioarchitectonics of brain AVM's, **G. Rodesch**

10.15 A critical analysis of the ARUBA study, **T. Krings**

10.40

**COFFEE BREAK**

11.00 Cerebral proliferative angiopathy, **G. Rodesch**

11.45 Partial targeted embolization of brain AVM's: concept,

indications, techniques  
and results, **T. Krings**

12.20 Brain AVM's/AVF's in the pediatric population, **K. terBrugge**

13.00 **LUNCH**

14.00 Curative embolization of brain AVM's with video workshop, **A. Valavanis**

16.00 **COFFEE BREAK**

**Topic: Interventional neuroradiology of spinal AVM's**

16.20 Spinal vascular anatomy and classification of spinal AVM's and AVF's,  
**G. Rodesch**

17.00 Diagnostic and interventional neuroradiology of spinal dural AVF's,  
**T. Krings**

17.45 Diagnostic and interventional neuroradiology of perimedullary AVF's and of intramedullary AVM's, **G. Rodesch**

18.30 Discussion on brain and spinal AVM's

19.30 **THE ZURICH COURSE DINNER  
at the "Zunfthaus zur Meisen"**

## **Saturday, August 27, 2016**

08.00 Registration open

**Topic: Interventional neuroradiology of intracranial aneurysms**

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 complex and giant intracranial aneurysms,  
**T. Krings and G. Baltsavias**

12.00 Endovascular considerations in dissecting intracranial aneurysms,  
**G. Rodesch**

12.45 Discussion

13.00 **LUNCH**

14.00 Dissecting aneurysms of the cerebellar arteries: endovascular

treatment,

**S. Husain**

14.30 Endovascular conception of subarachnoid haemorrhage and the endo-

vascular treatment of acutely ruptured intracranial aneurysms

(with video

demonstration), **A. Valavanis**

15.30 Discussion and concluding remarks

16.00 ***END OF THE COURSE***

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