



**Karolinska  
Institutet**



## **Technical advances in neurosurgery and meningioma treatment**

**Friday November 25, 2022**

### **Morning session, J3:11 Birger & Margareta Blombäck**

08:00	Welcome address	Karolinska University Hospital
08:10	Professor Annika Tibell Research and innovation at Karolinska	Karolinska University Hospital
08:20	Director Clinical Science, Manocher Gholghesaei Clinical research and innovation, an industry perspective	Philips IGT, The Netherlands

### **Technical advances and innovation**

08:30	Professor Claudius Thomé Current concepts in neurosurgery	Medical Univ of Innsbruck, Austria
09:00	Med Dr. Simon Skyrman Technical advances for increased accuracy	Karolinska University Hospital
09:15	Professor Karin Wårdell Optical methods in neurosurgery	Linköping University
09:30	Professor Staffan Holmin Biopsies via the endovascular route	Karolinska University Hospital
09:45	Professor Paul Breedveld Innovative instruments	Delft University of Technology
10:00	Lawyer Åse Lundh-Gravenius Intellectual property and research	Karolinska University Hospital

10:15-10:45 Coffee break

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**Organisers: Adrian Elmi Terander & Erik Edström, Departments of Neurosurgery and Clinical Neuroscience**

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## **Meningioma**

- 10:45 Professor Michael Jenkinson University of Liverpool, UK  
Incidental meningioma and Radiotherapy and adjuvant treatments for grade II meningioma.
- 11:15 Professor Tiit Mathiesen University of Copenhagen, Denmark  
Extent of resection, biology and risk of meningioma recurrence
- 11:30 Med dr. Jenny Pettersson-Segerlind Karolinska University Hospital  
Quality of life in meningioma surgery
- 11:45 Professor Niklas Marklund Lund University  
Spinal meningioma
- 12:00 Professor Bodo Lippitz iCERA, Hamburg, Germany  
Gamma-Knife and meningioma

12:15-13:15 Lunch

## **Afternoon session, J3:07 Sune Bergströms aula**

### **Enhancing perspectives**

- 13:15 Professor Walter Jean Lehigh Valley, PA, USA  
Augmented and virtual reality in Neurosurgery
- 13:45 Professor Ingela Nyström Uppsala University  
Cranio-Maxillofacial Surgery Planning:  
Interactive Segmentation, Visualization,  
and Haptics for CT Images
- 14:00 Associate professor Mario Romero KTH Royal Institute of Technology  
Visualization of multidimensional data
- 14:15 Professor Charlie Teo University of New South Wales, Australia  
Frontiers in minimally invasive tumor neurosurgery
- 15:00 Associate professor Adrian Elmi Terander Karolinska University Hospital  
Closing remarks & future perspectives

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