



Scientific Program

## Building Bridges

Changing the Paradigm of Care for Brain Disorders

*All Panel Debate speakers to share allotted time equally*

### Sunday May 15

- 15:00-17:00 Special Topic Educational Seminar  
**Let's speak the same language: Standardization in Terminology, Contouring and Treatment Planning**  
About Standardization: Michael Torrens, *Athens, Greece*  
About Contouring: Caroline Chung, *Toronto, Canada*  
Planners: Ian Paddick, *London, UK*  
Jean Regis, *Marseilles, France*  
Moderators: Caroline Chung, *Toronto, Canada*  
Vincent Toledo, *Guadalajara, Mexico*
- 18:30-21:30 **Welcome Reception at Beurs van Berlage on Damrak no. 243**  
(Within walking distance from all hotels)

### Monday May 16

- 7:30-8:30 Early Morning Seminar #1  
**Cost Effectiveness - How does the Data influence reimbursement?**  
Dirk Rades, *Lübeck, Germany*  
Wim van der Meer, *CEO CZ health Insurance, Tilburg, The Netherlands*  
Moderators: Bodo Lippitz, *Hamburg, Germany*  
Anna Likhacheva, *Phoenix, AZ*
- 7:30-8:30 Early Morning Seminar #2  
**Panel Debate: Cavernous Malformations - Why Does Everyone Remain Confused?**  
Introduction: Dade Lunsford, *Pittsburgh, PA*  
Panelists: Young Jin Lim, *Seoul, Korea*  
Andras Kemeny, *Sheffield, UK*  
Roman Liscak, *Prague, Czech Republic*  
Moderators: Dade Lunsford, *Pittsburgh, PA*  
Roberto Martinez, *Madrid, Spain*
- 8:35-8:45 **Welcome and Opening Remarks**  
Gus Beute and Patrick Hanssens, *Tilburg, The Netherlands*
- 8:45-9:15 **How has Radiosurgery Changed Neurosurgery and Radiation Oncology?**  
Minesh Mehta, *Chicago, IL*  
Moderators: Patrick Hanssens, *Tilburg, The Netherlands*  
Gus Beute, *Tilburg, The Netherlands*

- 9:15-10:45 **Panel Debate: Vestibular Schwannomas**  
 A Quarter Century of Change - the Impact of Gamma Knife Surgery on Neurotology: P. Ashley Wackym, *Portland, OR*  
 The Neurotologist's Approach: William Slattery, *Los Angeles, CA*  
 How do Patients Decide what to do? Dade Lunsford, *Pittsburgh, PA*  
 Panelists: Jean Regis, *Marseille, France*  
 Pierre-Hugues Roche, *Marseille, France*  
 Michael Link, *Rochester, MN*  
 Moderators: Jeroen Verheul, *Tilburg, The Netherlands*  
 Kevin McMullen, *Indianapolis, IN*
- 10:45-11:15 **Coffee Break**
- 11:15-12:25 **General Scientific Session, Benign Tumors (7 slots)** **MAIN ROOM**  
 Moderators: Motohiro Hayashi, *Tokyo, Japan*  
 Marc Levivier, *Lausanne, Switzerland*
- 11:15-12:25 **Parallel General Scientific Session, Vascular Disorders (7 slots)**  
 Moderators: Hideyuki Kano, *Pittsburgh, PA*  
 Dong Gyu Kim, *Seoul, Korea*
- 12:30-13:30 **Lunch**
- 13:30-15:00 **General Scientific Session, Malignant Tumors (9 slots)** **MAIN ROOM**  
 Moderators: Sieger Leenstra, *Tilburg, The Netherlands*  
 Ajay Niranjana, *Pittsburgh, PA*
- 13:30-15:00 **Parallel General Scientific Session, Functional Disorders (9 slots)**  
 Moderators: Constantin Tuleasca, *Lausanne, Switzerland*  
 Rees Cosgrove, *Boston, MA*
- 15:00-15:30 **Coffee Break**
- 15:30-17:00 **Panel Debate: Brain Metastases**  
 What are the outstanding questions on SRS for Brain Metastases? Paul Brown, *Houston, TX* **15 min**  
 Individualized medicine: Genetic Profiling, Systemic Therapies and SRS, Manmeet Ahluwalia, *Cleveland, OH* **15 min**  
 Quality of Life and Cognition in Brain Metastases Management, Margriet Sitskoorn, *Tilburg, The Netherlands* **15 min**  
 Panelists: Martin Kocher, *Cologne, Germany*  
 Igor Barani, *San Francisco, CA*  
 Kevin McMullen, *Indianapolis, IN*  
 Dirk Rades, *Lübeck, Germany*  
 Moderators: Minesh Mehta, *Chicago, IL*  
 Veronica Chiang, *New Haven, CT*

## Tuesday May 17

- 7:30-8:30 Early Morning Seminar #1  
**Radiobiology of Radiosurgery**  
 The Theory: Kathryn Held, *Boston, MA*  
 The Practice: Douglas Kondziolka, *New York, NY*  
 Moderators: John Hopewell, *Oxford, UK*  
 Paul Sperduto, *Minneapolis, MN*
- 7:30-8:30 Early Morning seminar #2  
**Lesioning - Back to the Future**  
 Rees Cosgrove, *Boston, MA*  
 Marwan Hariz, *London, UK*  
 Moderators: Jean Regis, *Marseille, France*  
 Guus Beute, *Tilburg, The Netherlands*
- 8:35-10:00 **Panel Debate: Arteriovenous Malformations**  
 Genetical and Biological Factors of Rupture: Karin Klijn, *Utrecht, The Netherlands*  
 What Factors Matter for Obliteration, Jason Sheehan, *Charlottesville, VA*  
 ARUBA Study-and now what? Karin Klijn, *Utrecht, The Netherlands*

Panelists: Bruce Pollock, *Rochester, MN*  
Dade Lunsford, *Pittsburgh, PA*  
Moderators: Hidefumi Jokura, *Miyagi, Japan*  
Enrico Motti, *Milano, Italy*

10:00-10:30 **Coffee Break**

10:30-12:00 **General Scientific Session, Vascular Disorders (9 slots)** **MAIN ROOM**  
Moderators: Serge Blond, *Lille, France*  
Karin Klijn, *Utrecht, The Netherlands*

10:30-12:00 **Parallel General Scientific Session, Benign Tumors (9 slots)**  
Moderators: Jeroen Verheul, *Tilburg, The Netherlands*  
Yoshiyasu Iwai, *Osaka, Japan*

12:00-12:20 **Pioneers in Radiosurgery Award**  
Introduced by: Dan Leksell, *Stockholm, Sweden*

12:20-13:20 **Lunch**

13:20-14:00 **Lars Leksell Lecture**  
Introduced by: Guus Beute, *Tilburg, The Netherlands*

14:00-14:45 **SRS for Ocular Disorders: State of the Art**  
Ocular Melanoma and Choroidal metastases, Ian Rennie, *Sheffield UK*  
Endoscopy in combination with Ocular SRS: Oleg Sinyavskiy, *St. Petersburg, Russia*  
Moderators: Andras Kemeny, *Sheffield, UK*  
Roman Liscak, *Prague, Czech Republic*

14:45-15:30 **SRS for Obsessive Compulsive Disorder**  
Gerry Radano, *New York, NY*  
Steve Rasmussen, *Providence, RI*  
Antonio Carlos Lopes, *Sao Paulo, Brazil*  
Moderators: Christer Lindquist, *London, UK*  
Roberto Martinez, *Madrid Spain*

15:30-16:00 **Coffee Break**

16:00-17:00 **General Scientific Session, Functional Disorders (6 slots)** **MAIN ROOM**  
Moderators: Jin Woo Chang, *Seoul, Korea*  
Antonio De Salles, *Sao Paulo, Brazil*

16:00-17:00 **Parallel General Scientific Session, Malignant Disorders (6 slots)**  
Moderators: Jason Sheehan, *Charlottesville, VA*  
Matthew Foote, *Brisbane, Australia*

18:30 **Boats leave for Gala Dinner at the Scheepvaartmuseum (National Maritime Museum)**

## Wednesday May 18

8:00-9:00 Early Morning Seminar #1  
**Gold Standards Gone Rusty: RCT's in the Era of Big Data**  
Douglas Kondziolka, *Pittsburgh, PA*  
David Jaffray, *Toronto, Canada*  
Statistician, TBD  
Moderators: Martin van den Bent, *Rotterdam, The Netherlands*  
Minesh Mehta, *Minneapolis, MN*

8:00-9:00	<p>Early Morning Seminar #2</p> <p><b>Radiation Related Oncogenesis</b></p> <p>The Data: John Suh, <i>Cleveland, OH</i></p> <p>The Risk: Jeremy Rowe, <i>Sheffield, UK</i></p> <p>Moderators: Veronica Chiang, <i>New Haven, CT</i></p> <p>John Hopewell, <i>Oxford, UK</i></p>	
9:05-10:30	<p><b>General Scientific Session, Physics &amp; QA (8 slots)</b></p> <p>Moderators: Ian Paddick, <i>London, UK</i></p> <p>John Flickinger, <i>Pittsburgh, PA</i></p>	<b>MAIN ROOM</b>
9:05-10:30	<p><b>Parallel General Scientific Session, Malignant Tumors (8 slots)</b></p> <p>Moderators: Masaaki Yamamoto, <i>Hitachinaka, Japan</i></p> <p>Sieger Leenstra, <i>Tilburg, The Netherlands</i></p>	
10:30-11:00	<b>Coffee Break</b>	
11:00-12:30	<p><b>Panel Debate: Glioblastoma</b></p> <p>Pathophysiology of Gliomas: Martin van den Bent, <i>Rotterdam, The Netherlands</i></p> <p>Leading Edge Radiosurgery: Christopher Duma, <i>Newport Beach, CA</i></p> <p>Emerging Approaches: Roger Stupp, <i>Lausanne, Switzerland</i></p> <p>Panelists: Bente Skeie, <i>Bergen, Norway</i></p> <p>Jung-il Lee, <i>Seoul, Korea</i></p> <p>Sieger Leenstra, <i>Tilburg, The Netherlands</i></p> <p>Minesh Mehta, <i>Chicago, IL</i></p> <p>Moderators: Paul Sperduto, <i>Minneapolis, MN</i></p> <p>Marc Levivier, <i>Lausanne, Switzerland</i></p>	
12:30-13:30	<b>Lunch</b>	
13:30-14:15	<p><b>Impact of Leksell Gamma Knife ICON on Clinical Practice</b></p> <p>Technical Attributes: David Jaffray, <i>Toronto, Canada</i></p> <p>Early Clinical Experience: Jean Regis, <i>Marseilles, France</i></p> <p>Moderators: Ian Paddick, <i>London, UK</i></p> <p>TBD</p>	
14:15-15:00	<p><b>Information Guided Radiosurgery</b></p> <p>Big Data and The Leksell Gamma Knife Registry: Douglas Kondziolka, <i>New York, NY</i></p> <p>ASTRO/AANS National Brain SRS Registry: Jason Sheehan, <i>Charlottesville, VA</i></p> <p>Moderators: Patrick Hanssens, <i>Tilburg, The Netherlands</i></p> <p>Michael Torrens, <i>Athens, Greece</i></p>	
15:00-15:30	<b>Coffee Break</b>	
15:30-17:00	<p><b>General Scientific Session, Malignant Disorders (9 slots)</b></p> <p>Moderators: Bengt Karlsson, <i>Singapore</i></p> <p>Masaaki Yamamoto, <i>Hitachinaka, Japan</i></p>	<b>MAIN ROOM</b>
15:30-17:00	<p><b>Parallel General Scientific Session, Benign Tumors (9 slots)</b></p> <p>Moderators: Koo van Overbeeke, <i>Maastricht, The Netherlands</i></p> <p>Michael McDermott, <i>San Francisco, CA</i></p>	

## Thursday May 19

7:30-8:30	<p>Early Morning Seminar #1</p> <p><b>Linac Radiosurgery Capabilities: Myth versus Reality</b></p> <p>Normal Tissue Dose and its Dependence on Radiosurgery Platform: Lijun Ma, <i>San Francisco, CA</i></p> <p>Workflow Consideration: David Schlesinger, <i>Charlottesville, VA</i></p> <p>Clinical Considerations: Ronald Warnick, <i>Cincinnati, OH</i></p> <p>Moderators: Thiery Gevaert, <i>Brussels, Belgium</i></p> <p>TBD</p>	
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7:30-8:30	<p>Early Morning Seminar #2  <b>Targeted Drugs and Radiation - Are There Interactions?</b>  Systemic Therapies and SRS: Manmeet Ahluwalia, <i>Cleveland, OH</i>  Roger Stupp, <i>Lausanne, Switzerland</i>  Paul Sperduto, <i>Minneapolis, MN</i>  Moderators: Martin van den Bent, <i>Rotterdam, The Netherlands</i>  Arjun Sahgal, <i>Toronto, Canada</i></p>	
8:35-10:00	<p><b>Panel Debate Fractionation</b>  AVM's: Penny Sneed, <i>San Francisco, CA</i>  Benign Tumors: Stephanie Combs, <i>Munich, Germany</i>  Brain Metastases: Arjun Sahgal, <i>Toronto, Canada</i>  Panelists: Patrick Hanssens, <i>Tilburg, The Netherlands</i>  Piero Picozzi, <i>Milano, Italy</i>  Hidefumi Aoyama, <i>Niigata, Japan</i>  Moderators: Jonathan Knisely, <i>Manhasset, NY</i>  David Andrews, <i>Philadelphia, PA</i></p>	
10:00-10:30	<b>Coffee Break</b>	
10:30-11:30	<p><b>General Scientific Session, Physics &amp; QA (6 slots)</b>  Moderators: Josef Novotny, <i>Prague, Czech Republic</i>  Hyun-Tai Chung, <i>Seoul, Korea</i></p>	<b>MAIN ROOM</b>
10:30-11:30	<p><b>Parallel General Session Benign Tumors (6 slots)</b>  Moderators: Roman Liscak, <i>Prague, Czech Republic</i>  Daniel Devriendt, <i>Brussels, Belgium</i></p>	
11:30-12:30	<p><b>Clinical Trials Updates</b>  <b>International Gamma Knife Research Foundation Trials</b>  - ROSE Nicholas Barbaro, <i>Indianapolis, IN</i>  - Metastases &amp; Cognition Igor Barani, <i>San Francisco, CA</i>  <b>JLGKS Studies</b> Toru Serizawa, <i>Tokyo, Japan</i>  <b>STN Lesioning for Tremor</b> Jean Regis, <i>Marseille, France</i>  <b>Aneurysms</b> James Connor, <i>Hershey, PA</i>  <b>Essential Tremor</b> Chris Loiselle, <i>Seattle, WA</i>  Moderators: Li Pan, <i>Beijing, China</i>  Dade Lunsford, <i>Pittsburgh, PA</i></p>	
12:30-13:30	<b>Lunch</b>	
13:30-15:00	<p><b>Future Studies: What Questions need to be addressed?</b>  Brain Metastases: Bodo Lippitz, <i>Hamburg, Germany</i>  Vestibular Schwannomas: Jeroen Verheul, <i>Tilburg, The Netherlands</i>  Trigeminal Neuralgia: Joanna Zakrzewska, <i>London, UK</i>  Pituitary Tumors: Jason Sheehan, <i>Charlottesville, VA</i>  AVM's: Bruce Pollock, <i>Rochester, MN</i>  Moderators: Allison Cameron, <i>Bristol, UK</i>  Michael Schulder, <i>Manhasset, NY</i></p>	
15:00-15:30	<p><b>Top Meeting Takeaways and Concluding Remarks</b>  Guus Beute, <i>Tilburg, The Netherlands</i>  Patrick Hanssens, <i>Tilburg, The Netherlands</i></p>	
18:30	<b>Buses leave for Farewell Party and Dinner at Arendshoeve</b>	