THE SPETZLER SYMPOSIUM:
State-of-the-art in Cerebrovascular, Skull Base, Craniovertebral Junction and Brain Tumor Surgery — A Scientific Tribute and Global Celebration

April 20-21, in Los Angeles, at the Los Angeles Convention Center, immediately preceding the 85th AANS Annual Scientific Meeting

The Spetzler Symposium celebrates one of the most accomplished and recognizable names in neurosurgery and will contain scientific content delivered via lectures, 2-D and 3-D videos, discussion panels, debates and more. Over 75 national and international neurosurgical masters and leaders in the field have committed to present at and participate in this two-day event.

Robert F. Spetzler, MD, FAANS, is known across the globe. He has broadly impacted both neurosurgical education and its practice. To focus the symposium, we have chosen to limit presentations to the four neurosurgical themes to which he is most indelibly linked: craniovertebral junction, skull base, complex/deep brain tumors and cerebrovascular surgery.

Thursday, April 20
General Session: 8 a.m.-6:30 p.m.

Friday, April 21
General Session: 7:30 a.m.-6:45 p.m.  
Reception/Dinner: 7:30-10:30 p.m.

Learning Objectives: At the end of this educational event, participants will be able to:

- Identify different pathologies at the craniovertebral junction.
- Choose the appropriate surgical approach for specific lesions of the craniovertebral junction.
- Differentiate various skull base lesions and understand the benefits and limitations of most available skull base approaches (open versus endoscopic).
- Apply the different open and endovascular methods to the treatment of intracranial aneurysms and vascular malformations.
- Review advanced techniques of brain mapping and surgical removal of gliomas.

For additional information and a list of presenters visit: www.aans.org/SpetzlerSymposium

Registration Rates
AANS Member: $500
Non-member: $625
Resident Member: $350
Resident Non-member: $450
Guest Tickets for Friday Night Dinner: $155

A Friday night dinner ticket is included with medical attendee registration.

20% discount available for Barrow Neurological Institute (BNI) Alumni (former and current BNI Fellows and Residents)

Please see the Ways to Register and Cancellations/Refunds information on page 114.
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Felipe C. Albuquerque, MD, FAANS
Cargill H. Alleyne Jr., MD, FAANS
Issam A. Awad, MD, FAANS
Ossama Al-Mefty, MD, FAANS
Sepideh Amin-Hanjani, MD, FAANS
Miguel A. Arraez Sanchez, MD
Nicholas C. Bambakidis, MD, FAANS
Frederick G. Barker II, MD, FAANS
Daniel Louis Barrow, MD, FAANS
Mitchel S. Berger, MD, FAANS
Luis Alencar Borba, MD, IFAANS
Fady T. Charbel, MD, FAANS
E. Sander Connolly Jr., MD, FAANS
William T. Couldwell, MD, PhD, FAANS
Ralph G. Dacey Jr., MD, FAANS
Carlos A. David, MD, FAANS
Arthur L. Day, MD, FAANS
Evandro Pinto da Luz de Oliveira, MD, PhD, IFAANS
Vinko Dolenc, MD, PhD
Hugues Duffau, MD
Takanori Fukushima, MD
Paul A. Gardner, MD, FAANS
Fred Gentili, MD, FAANS, MSc
Steven L. Giannotta, MD, FAANS
Atul Goel, MD, IFAANS
John G. Golfinos, MD, FAANS
Francisco Gonzalez-Llanos, MD
J. Andre Grotenhuis, MD, PhD, IFAANS
Gerardo Guinto-Balanzar, MD, FAANS
Mark N. Hadley, MD, FAANS
Juha Hernesniemi, MD, PhD
Roberto C. Heros, MD, FAANS[L]
Kazuhiro Hongo, MD, IFAANS
L. Nelson Hopkins III, MD, FAANS
Andrew H. Kaye, MD, IFAANS
Engelbert Knosp, MD
Alexander N. Konovalov, MD
Ali F. Kriht, MD, FAANS
Jesus LaFuente, MD
David J. Langer, MD, FAANS
Giuseppe Lanzino, MD, FAANS
Michael T. Lawton, MD, FAANS
Russell R. Lonser, MD, FAANS
Ying Mao, MD
Neil A. Martin, MD
Fredric B. Meyer, MD, FAANS
Basant Kumar Misra, MD
Jacques J. Morcos, MD, FAANS
Michael K. Morgan, MD, IFAANS
Yuichi Murayama, MD
Peter Nakaji, MD, FAANS
Anil Nanda, MD, MPH, FAANS
Mika Niemela, MD, PhD, IFAANS
Edward H. Oldfield, MD, FAANS
Nelson M. Oyesiku, MD, PhD, FAANS
Randall W. Porter, MD, FAANS
Ricardo Ramina, MD
Luca Regli, MD, IFAANS
James T. Rutka, MD, PhD, FAANS
Martin Sames, MD
Madjid Samii, MD, PhD
Nader Sanai, MD, FAANS
Raymond Sawaya, MD, FAANS
Volker Seifert, MD, PhD
Laligam N. Sekhar, MD, FAANS
Chandranath Sen, MD, FAANS
Franco Servadei, MD

Kris A. Smith, MD, FAANS
Volker K. H. Sonntag, MD, FAANS[L]
Robert F. Spetzler, MD, FAANS
Marcos S. Tatagiba, MD
B. Gregory Thompson Jr., MD, FAANS
Yong-Kwang Tu, MD, PhD
Ugur Ture, MD, IFAANS
Michael Tymianski, MD, PhD
Peter Vajkoczy, MD
Claudio G. Yampolsky, MD, IFAANS
Joseph M. Zabramski, MD, FAANS

NOTE: Program speakers subject to change.

The Spetzler Symposium is directed by Jacques J. Morcos, MD, FAANS, chair of the 2017 AANS Scientific Program Committee.
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Program Agenda
Thursday, April 20, 2017

Introduction
8-8:09 a.m.
Jacques J. Morcos, MD, FAANS
A Unique Gathering

8:10-8:19 a.m.
Volker K.H. Sonntag, MD, FAANS
The 30 Year Spetzler-Sonntag BNI Duality: Anatomy of a Unique Alliance

8:20-8:29 a.m.
Peter Nakaji, MD, FAANS
Spetzler as Leader, Mentor, Innovator, Scholar and Master Surgeon: In the Eyes of a Former Student and Present Colleague

Session I: Primary Brain Tumors
Moderators: Nader Sanai, MD, FAANS; Kris A. Smith, MD, FAANS

8:30-8:44 a.m.
Mitchel S. Berger, MD, FAANS
Maximizing Extent of Resection for Low Grade Gliomas to Improve Survival and Reduce the Risk of Malignant Transformation

8:45-8:59 a.m.
Raymond Sawaya, MD, FAANS
Glioblastoma Surgery: Can We Do Better than Gross Total Resection?

9-9:14 a.m.
Hughes Duffau, MD
What Evidence is There for Plasticity in Glioma Surgery?

9:15-9:29 a.m.
Andrew H. Kaye, MD, IFAANS
Gliomas: Why the Biology Wins

9:30-9:44 a.m.
Claudio G. Yampolsky, MD, IFAANS
Insular Gliomas: Lessons and Management

9:45-9:59 a.m.
Russell R. Lonser, MD, FAANS
Hemangioblastomas: From Cyst Formation to Tumor Growth

10-10:14 a.m.
Miguel A. Arraez-Sanchez, MD
Skull Base Approaches to Pontomesencephalic Brainstem Tumors: Spetzler’s Legacy

10:15-10:29 a.m.
Ugur Ture, MD, IFAANS
The Supracerebellar-transstentorial Approach to the Entire Length of the Mediobasal Temporal Region: A Better Road, Yet Less Travelled

10:30-10:44 a.m.
Discussion
Moderators and Speakers

10:45-11:14 a.m.
Break With Exhibitors

Session II: Craniovertebral Junction (CVJ)
Moderators: Mark N. Hadley, MD, FAANS; Volker K.H. Sonntag, MD, FAANS(L)

11:15-11:29 a.m.
Mark N. Hadley, MD, FAANS
The Innovative, Artful Insight of Master Surgeon Robert Spetzler

11:30-11:44 a.m.
Jesus LaFuente, MD
CVJ Instability: Diagnosis and Management

11:45-11:59 a.m.
Paul A. Gardner, MD, FAANS
Endonasal Endoscopic Approach to the CVJ: Indications and Technique

12-12:14 p.m.
Volker K.H. Sonntag, MD, FAANS(L)
C1/C2 Fusion: Past, Present and Future

12:15-12:29 p.m.
Chandranathan Sen, MD, FAANS
Posterolateral Approach to the CVJ: Indications and Technique
12:30-12:44 p.m.
Atul Goel, MD, IFAANS
Management of Chiari Malformation: Thinking Outside the Box

12:45-12:59 p.m.
Discussion
Moderators and Speakers

Session III: Lunch 3D Video Session – CVJ Vascular Lesions and Tumors
Moderator: Carlos A. David, MD, FAANS

1-1:09 p.m.
Lunch Served

1:10-1:19 p.m.
Carlos A. David, MD, FAANS

1:20-1:29 p.m.
Luis Alencar Borba, MD, IFAANS

1:30-1:59 p.m.
Robert F. Spetzler, MD, FAANS
Vascular Lesions and Tumors at the CVJ

Session IV: Skull Base I
Moderators: Frederick G. Barker II, MD, FAANS; Randal W. Porter, MD, FAANS

2-2:14 p.m.
James T. Rutka, MD, PhD, FAANS
The Spetzler Legacy at the BNI: Seminal Publications in Journal of Neurosurgery from 1986-2016

2:15-2:29 p.m.
Nelson M. Oyesiku, MD, PhD, FAANS
The Spetzler Legacy at the BNI: Seminal Publications in Neurosurgery from 1986-2016

2:30-2:44 p.m.
Engelberg Knosp, MD
Pituitary Adenomas: Evolution of Classifications, Surgical Results and Techniques

2:45-2:59 p.m.
Gerardo Guinto-Balanzar, MD, FAANS
Anterior Skull Base Meningiomas: The Transcranial Approach is Superior...Most of the Time

3-3:14 p.m.
Fred Gentili, MD, FAANS, MSc
Anterior Skull Base Meningiomas: Arguments for the Endonasal Endoscopy Approach

3:15-3:29 p.m.
J. Andres Grotenhuis, MD, PhD, IFAANS
Suprasellar Tumors: How to Select the Right Approach

3:30-3:44 p.m.
Alexander Konovalov, MD
Craniopharyngiomas: A Lifetime of Lessons, Pitfalls and Surgical Results

3:45-3:59 p.m.
Discussion
Moderators and Speakers

4-4:29 p.m.
Break With Exhibitors

Session V: Skull Base II
Moderators: Nick Bambakidis, MD, FAANS; Cargill Alleyne Jr., MD, FAANS

4:30-4:44 p.m.
Franco Servadei, MD
Indications for Decompressive Craniotomies Worldwide: What Does the Future Hold After the Rescue ICP Study?

4:45-4:59 p.m.
Volker Seifert, MD, PhD
Petroclival Meningiomas: What Have We Learned and What Does the Future Hold

5-5:14 p.m.
Marcos S. Tatagiba, MD
Approaching the Petrous Apex: When is the “Reverse” Kawase a Superior Approach

5:15-5:29 p.m.
William T. Couldwell, MD, PhD, FAANS
Approaching the Cavernous Sinus Through the Orbit: Less Familiar But More Direct

5:30-5:44 p.m.
Ricardo Ramina, MD
Trigeminal Schwannomas: Classification, Surgical Technique and Results

5:45-5:59 p.m.
Basant Kumar Misra, MD
Decision Making in Skull Base Surgery

6-6:14 p.m.
Robert F. Spetzler, MD, FAANS
My Evolution in Managing Lesions Straddling the Temporal Bone and the CVJ
6:15-6:30 p.m.
Discussion
Moderators and Speakers

Friday, April 21, 2017

Session VI: Skull Base III
Moderators: Anil Nanda, MD, MPH, FAANS and John G. Golfinos, MD, FAANS

7:30-7:44 a.m.
Fredric B. Meyer, MD, FAANS
Extracranial Carotid Surgery for Tumors and Vascular Lesions

7:45-7:59 a.m.
Laligam N. Sekhar, MD, FAANS
Extreme Lateral Approach to Neoplastic and Vascular Lesions

8-8:14 a.m.
Vinko Dolenc, MD, PhD
The Cavernous Sinus: My Personal Journey

8:15-8:29 a.m.
Ali F. Krisht, MD, FAANS
The Cavernous Sinus: An Access Road and a Destination

8:30-8:44 a.m.
Takanori Fukushima, MD
Technical Innovations in Skull Base Surgery: My Personal Journey

8:45-8:59 a.m.
Ossama Al-Mefty, MD, FAANS
Future Treatment of All Acoustic Neuromas: Hear Me!

9-9:14 a.m.
Madjid Samii, MD, PhD
Vestibular Schwannomas: What are the Best Surgical Results and Can They Be Improved?

9:15-9:29 a.m.
Discussion
Moderators and Speakers

9:30-9:59 a.m.
Break With Exhibitors

Session VII: Cerebrovascular I
Moderators: Sepideh Amin-Hanjani, MD, FAANS; Giuseppe Lanzino, MD, FAANS

10-10:14 a.m.
Yuichi Murayama, MD
Natural History and Management of Unruptured Aneurysms: The Story Never Ends

10:15-10:29 a.m.
L. Nelson Hopkins III, MD, FAANS
Innovations in the Management of Cerebrovascular Disease and Stroke

10:30-10:44 a.m.
Juha Hernesniemi, MD, PhD
The Microsurgical Revolution: Rumors of its Demise are Grossly Exaggerated

10:45-10:59 a.m.
Michael Tymianski, MD, PhD
Outpatient Aneurysm Clipping: It is Not Fantasy

11-11:14 a.m.
Ralph G. Dacey Jr., MD, FAANS
MCA Aneurysms: Shape Analysis and Clipping Strategies

11:15-11:29 a.m.
Arthur L. Day, MD, FAANS
Aneurysms that Need a Good Clipping

11:30-11:44 a.m.
Ying Mao, MD
Surgical Management of Complex Aneurysms

11:45 a.m.-11:59 p.m.
Daniel Louis Barrow, MD, FAANS
When Intraoperative Rupture Strikes: Techniques to Lift You From the Abyss

12-12:14 p.m.
Discussion
Moderators and Speakers

Session VIII: Lunch 3D Video Session II – Aneurysms and Bypasses
Moderator: Fady T. Charbel, MD, FAANS

1:15-1:24 p.m.
Lunch Served

12:25-12:34 p.m.
Fady T. Charbel, MD, FAANS

12:35-12:44
Francisco Gonzalez-Llanos, MD
Session IX: Cerebrovascular II

Moderators: David J. Langer, MD, FAANS; E. Sander Connolly Jr., MD, FAANS

1:15-1:29 p.m.
Yong-Kwang Tu, MD, PhD
Long-term Results of High Flow EC-IC Bypass for the Treatment of Cerebrovascular Lesions and Skull Base Tumors

1:30-1:44 p.m.
Martin Sames, MD
Bypass Surgery for Ischemia After COSS

1:45-1:59 p.m.
Peter Vajkoczy, MD
Moyamoya Disease: From Pathogenesis to Surgical Management

2-2:14 p.m.
Jacques J. Morcos, MD, FAANS
Cerebrovascular Surgery: The Future is Not What it Used To Be

2:15-2:29 p.m.
Steven L. Giannotta, MD, FAANS
Training the Next Generation of Cerebrovascular Surgeons: State of the Nation

2:30-2:44 p.m.
Neil A. Martin, MD
The Next Generation in Neurovascular Imaging

2:45-2:59 p.m.
Edward H. Oldfield, MD, FAANS
Spinal Dural AV Fistulas and Other Vascular Lesions of the Spinal Cord

3-3:14 p.m.
Robert F. Spetzler, MD, FAANS
Spinal Cord Vascular Lesions: What We Have Learned

3:15-3:29 p.m.
Discuss
Moderators and Speakers

3:30-3:59 p.m.
Break With Exhibitors

Session X: Cerebrovascular III

Moderators: B. Gregory Thompson Jr., MD, FAANS; Joseph M. Zabramski, MD, FAANS

4-4:14 p.m.
Issam A. Awad, MD, FAANS
Cavernomas: Deconstructing a Neurosurgical Disease

4:15-4:29 p.m.
Kazuhiro Hongo, MD, IFAANS
Cavernomas of the Brainstem: When and How to Operate

4:30-4:44 p.m.
Luca Regli, MD, IFAANS
Cranial DAVFs: Who are the Best Surgical Candidates? Do Classification Systems Help?

4:45-4:59 p.m.
Roberto C. Heros, MD, FAANS(L)
Surgical Management of Cranial Dural AV Fistulas

5-5:14 p.m.
Felipe C. Albuquerque, MD, FAANS
Complex DAVFs: Contemporary Endovascular Management

5:15-5:29 p.m.
Mika Niemela, MD, PhD, IFAANS
Natural History of AVMs: Lessons from a Long-term Database

5:30-5:44 p.m.
Michael K. Morgan, MD, IFAANS
AVM Surgery: Proving Superiority Over Natural History

5:45-5:59 p.m.
Michael T. Lawton, MD, FAANS
AVM Surgery: Technical Subtleties

6-6:14 p.m.
Evandro Pinto da Luz de Oliveira, MD, PhD, IFAANS
The Spetzler-Martin AVM Classification Does Not Apply to Posterior Fossa AVMs

6:15-6:29 p.m.
Robert F. Spetzler, MD, FAANS
Brain AVMs: Conceptual and Technical Advances in Classification and Management

6:30-6:45 p.m.
Discuss
Moderators and Speakers

7:30-10:30 p.m.
Reception and Dinner