

Monday, May 23, 2016

As of 4/22/2016

- 6:30am – 8:30am** **Breakfast Concession Stand**
Locations: Marriott Foyer, Atrium, Exhibit Hall A
- 7:30am – 8:30am** **Session 1A** **Monday Morning SAM – Vascular – Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderator: David Pasquale, MD
- 7:30am – 7:55am MRA Surveillance Imaging of Unruptured and Endovascularly Treated Intracranial Aneurysms
Donnie Bell, MD
- 7:55am – 8:00am Questions and Answer
- 8:00am – 8:25am Selected Vascular Diseases of the Brain and Spine
Frank C. Tong, MD
- 8:25am – 8:30am Questions and Answer
- 8:35am – 10:00am** **Session 2A** **ASPNR Programming: Pediatric Neuroimaging for the Adult Neuroradiologist Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderators: A. James Barkovich, MD and Erin Simon Schwartz, MD
- 8:35am – 8:50am Congenital Spinal Cord Anomalies: Top 10 Things to Know
Andrea Rossi, MD
- 8:50am – 9:10am Pediatric Brain Imaging Pearls and Pitfalls
Susan Palasis, MD
- 9:10am – 9:30am Birth Trauma & HII: What You Need to Know
V. Michelle Silvera, MD
- 9:30am – 9:50am Pediatric Head & Imaging Pearls
Caroline D. Robson, MB, ChB
- 9:50am – 10:00am Questions and Answers
- 8:35am – 10:00am** **Session 2B** **ASHNR Programming: Update on Temporal Bone Imaging**
Location: Washington 4/5/6
Moderators: C. Douglas Phillips, MD, FACR and Kristine M. Mosier, DMD, PhD
- 8:35am – 9:00am Contemporary Imaging of Hearing Loss
Karen L. Salzman, MD
- 9:00am – 9:30am Inflammatory Disease of the Temporal Bone
Deborah R. Shatzkes, MD
- 9:30am – 10:00am Imaging of the Facial Nerve
Richard H. Wiggins III, MD

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Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

- 8:35am – 10:00am** **Session 2C** **Young Professional Programming: Adding Value to Your Practice**
Location: Washington 1/2/3
Moderators: Mark D. Mamlouk, MD and Joshua A. Hirsch, MD, FACR, FSIR
- 8:35am – 9:00am Radiology's Role in Value Based Care
Arun Krishnaraj, MD, MPH
- 9:00am – 9:25am Where are the Opportunities for Neuroradiologists Within the Threats to Us and Our Practices
Frank J. Lexa, VII, MD
- 9:25am – 9:50am Utilizing Midlevel Professionals
Falgun H. Chokshi, MD, MS
- 9:50am – 10:00am Discussion
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- 8:35am – 10:00am** **Session 2D** **PARALLEL PAPER SESSION: Turbo Talks - Aneurysms: Imaging and Intervention**
Location: Roosevelt 1-3
Moderators: Aquilla S. Turk, DO and Prof. Bernhard Schuknecht, MD
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- 8:35am – 10:11am** **Session 2E** **PARALLEL PAPER SESSION: Primary and Metastatic Brain Tumors: MRI Advances**
Location: Maryland A/B/C
Moderators: Ruth Eliahou, MD and Ajay Gupta, MD
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- 8:35am – 10:03am** **Session 2F** **PARALLEL PAPER SESSION: Advances in Functional and Structural CNS MRI**
Location: Roosevelt 4
Moderators: Noriko Salamon MD and Kirk M. Welker, MD
- 10:00am – 10:30am Morning Beverage Break
Location: Exhibit Hall C
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- 10:30am – 12:00pm** **Session 3A** **ASHNR Programming: Update on Cranial Nerve Imaging**
Location: Marriott Ballroom
Moderators: Ashley H. Aiken, MD and Richard H. Wiggins, III, MD
- 10:30am – 11:00am Evaluation of the Patient with Facial Pain
David R. DeLone, MD
- 11:00am – 11:30am Understanding Perineural Tumor Spread
Hilda Elie Stambuk, MD
- 11:30am – 12:00pm Lower Cranial Nerve Imaging
Deborah L. Reede, MD

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- 10:30am – 12:00pm** **Session 3B** **Healthcare Policy Programming: A Look to the Future for Medicine and Radiology Audience Response (AR) Self Assessment Module (SAM)**
Location: Washington 4/5/6
Moderators: Suresh K. Mukherji, MD, FACR, MBA and Andrew Steven, MD
- 10:30am – 10:55am Future Trends in Organized Medicine
Jacqueline A. Bello, MD, FACR
- 10:55am – 11:20am Neuroradiology: Today, Tomorrow, and the Day After
Suresh K. Mukherji, MD, FACR, MBA
- 11:20am – 11:45am Technology Disrupters and the Impact of Social Media
Amy L. Kotsenas, MD
- 11:45am – 12:00pm Questions and Answers
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- 10:30am – 12:00pm** **Session 3C** **PARALLEL PAPER SESSION: Spine: Imaging and Intervention**
Location: Washington 1/2/3
Moderators: Ruby J. Lien, MD and Prashant Raghavan, MBBS
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- 10:30am – 12:00pm** **Session 3D** **PARALLEL PAPER SESSION: Turbo Talks - Advanced MRI: From Microstructure to Function**
Location: Roosevelt 1-3
Moderators: Joseph A. Maldjian, MD and Christopher G. Filippi, MD
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- 10:30am – 12:00pm** **Session 3E** **PARALLEL PAPER SESSION: Pediatrics: Head Injury, Spine Techniques, and Radiation Dose**
Location: Maryland A/B/C
Moderators: Mai-Lan Ho, MD and Julie Harreld, MD
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- 10:30am – 12:00pm** **Session 3F** **Neuroradiology Education**
Location: Roosevelt 4
Moderators: Mark E. Mullins, MD, PhD and Alisa Kanfi, MD
- 10:30am – 10:45am Teaching Neuroradiology to Medical Students
Tabassum A. Kennedy, MD
- 10:45am – 11:00am Teaching Neuroradiology to Diagnostic Radiology Residents
Jeffrey A. Bennett, MD
- 11:00am – 11:15am Teaching Neuroradiology to Neuroradiology Fellows
Pamela W. Schaefer, MD
- 11:15am – 11:30am ACGME/RRC Update
James C. Anderson, MD
- 11:30am – 11:45am ABR Update
Robert D. Zimmerman, MD, FACR
- 11:45am – 12:00pm Panel Discussion/Q&A

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Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

10:30am – 1:30pm **Lunch Concession Stands**
Locations: Exhibit Hall C, Marriott Foyer, Atrium, Exhibit Hall A

12:15pm – 1:00pm **How-To Session – GE Healthcare (non-CME)**
Location: Marriott Ballroom

1:15pm – 2:45pm **Session 4A** **Olfaction Audience Response (AR) Self Assessment Module (SAM)**

Location: Marriott Ballroom

Moderators: Justin L. Brucker, MD and Thomas Naidich, MD, FACR

1:15pm – 1:55pm Current Concepts of Olfaction From Odorant to Olfactory Bulb: How We Use It, Its Embryology and Anatomy
Peter M. Som, MD, FACR, FRSM

1:55pm – 2:35pm Central Processing of Odor
Thomas P. Naidich, MD, FACR

2:35pm – 2:45pm Questions & Answers

1:15pm – 2:45pm **Session 4B** **Young Professional Programming: Practical Post-Treatment Neuroimaging**
Location: Washington 4/5/6

Moderators: Patricia A. Hudgins, MD and Ramon F. Barajas, Jr., MD

1:15pm – 1:40pm Post Treatment Brain
Soonmee Cha, MD

1:40pm – 2:05pm Post Treatment Neck
Suresh K. Mukherji, MD, FACR, MBA

2:05pm – 2:30pm Post Treatment Spine
Lubdha M. Shah, MD

2:30pm – 2:45pm Discussion

1:15pm – 2:45pm **Session 4C** **Evidence Based Medicine Programming: Imaging Blunt Cerebrovascular Injury-What is the Evidence?**

Location: Washington 1/2/3

Moderators: Yoshimi Anzai, MD, MPH and Mahmud Mossa-Basha, MD

1:15pm – 1:35pm Imaging Diagnosis of Cerebrovascular Injury and How We Image
Margaret N. Chapman, MD

1:35pm – 1:55pm BCVI Classification - Implications of Treatment for Carotid and Vertebral Arteries
Michele H. Johnson, MD

1:55pm – 2:15pm Current Trends of Treatment of BCVI-Treatment Strategies Outcomes
Steven W. Hetts, MD

2:15pm – 2:35pm Role of Vessel Wall Imaging in Patients with BCVI
Mahmud Mossa-Basha, MD

2:35pm – 2:45pm Questions and Answer

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1:15pm – 2:45pm

Session 4D

PARALLEL PAPER SESSION: Turbo Talks - Adult

Brain Tumors: Diffusion, Perfusion and Beyond

Location: Roosevelt 1-3

Moderators: Andrei I. Holodny, MD and Nikdokht Farid, MD

1:15pm – 2:45pm

Session 4E

Excerpta - I

Location: Maryland A/B/C

Moderators: Barton F. Branstetter IV, MD and Wende N. Gibbs, MD, MA

1:15pm – 2:45pm

Session 4F

PARALLEL PAPER SESSION: Interventional

Management of CNS Aneurysms

Location: Roosevelt 4

Moderators: Timothy R. Miller, MD and Mohammad Chaudry, MD

2:45am – 3:00pm

Afternoon Beverage Break

Location: Exhibit Hall C

3:00pm – 4:30pm

Session 5A

ASPNR Programming: Pediatric Epilepsy 2016

Location: Marriott Ballroom

Moderators: William B. Zucconi, DO and Vivek Gupta, MD

3:00pm – 3:20pm

Brain Malformations and Epilepsy: New Concepts Using Molecular Pathways as a Guide

A. James Barkovich, MD

3:20pm – 3:40pm

Advanced Imaging in Pediatric Epilepsy

P. Ellen Grant, MD

3:40pm – 4:00pm

Advances in Clinical Epilepsy Management

Dennis J. Dlugos, MD

4:00pm – 4:20pm

Advances in Surgical Epilepsy Management

Joseph Madsen, MD

4:20pm – 4:30pm

Discussion

3:00pm – 4:30pm

Session 5B

AOSNHNR Programming: Advances in Vascular

Imaging: Diagnosis and Treatment Implication

Location: Washington 4/5/6

Moderators: Chul-Ho Sohn, MD, PhD and Yukunori Korogi, MD, PhD

3:00pm – 3:10pm

Introduction

3:10pm – 3:30pm

Advances in the Imaging of Moyamoya Disease

Tae Jin Yun, MD

3:30pm – 3:50pm

Current Clinical Applications of Intracranial Vessel Wall Imaging

Kazuhiro Tsuchiya, MD

3:50pm – 4:10pm

Clinical Application of 3D T1-Weighted Black-Blood MRI in Head and Neck Arterial Lesions

Masayuki Maeda, MD

4:10pm – 4:30pm

Intracranial Arterial Stenosis: MR Patterns and Outcomes of Management

Feng-Chi Chang, MD

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Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

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|------------------------|-------------------|---|
| 3:00pm – 4:30pm | Session 5C | <p>Evidence Based Medicine Programming: Speed Journal Club to Review New Evidence in the Literature on Hot Topics in Neuroradiology
 Location: Washington 1/2/3
 <i>Moderators: Pina C. Sanelli, MD, MPH, FACR and Ajay Gupta, MD</i></p> |
| 3:00pm – 3:25pm | | Brain
<i>Pina C. Sanelli, MD, MPH, FACR and Ajay Gupta, MD</i> |
| 3:25pm – 3:45pm | | Spine
<i>Jeffrey G. Jarvik, MD, MPH</i> |
| 3:45pm – 4:00pm | | Head and Neck
<i>Yoshimi Anzai, MD, MPH</i> |
| 4:00pm – 4:15pm | | Pediatric
<i>L. Santiago Medina, MD, MPH</i> |
| 4:15pm – 4:30pm | | NIR
<i>Joshua A. Hirsch, MD, FACR, FSIR</i> |
| 3:00pm – 4:30pm | Session 5D | <p>PARALLEL PAPER SESSION: Turbo Talks – CNS Tumors: Biomarkers, Genomics, and Radiomimics
 Location: Roosevelt 1-3
 <i>Moderators: Whitney B. Pope, MD, PhD and Rivka R. Colen, MD</i></p> |
| 3:00pm – 4:36pm | Session 5E | <p>PARALLEL PAPER SESSION: Head & Neck: Skull Base and Temporal Bone
 Location: Maryland A/B/C
 <i>Moderators: Leon J. van Rensburg, MD, D.Sc and Burce Ozgen Mocan, MD</i></p> |
| 3:00pm – 4:30pm | Session 5F | <p>PARALLEL PAPER SESSION: Spine: Trauma & Techniques
 Location: Roosevelt 4
 <i>Moderators: Blake A. Johnson, MD, FACR and Benjamin P. Liu, MD</i></p> |
| 4:45pm – 6:15pm | Session 6A | <p>Advanced Imaging Programming: Demystifying Advanced Imaging
 Location: Marriott Ballroom
 <i>Moderator: Dikoma C. Shungu, PhD</i></p> |
| 4:45pm – 5:15pm | | Demystifying Diffusion
<i>Jeffrey I. Berman, PhD</i> |
| 5:15pm – 5:45pm | | Demystifying Perfusion
<i>Aaron S. Field, MD, PhD</i> |
| 5:45pm – 6:15pm | | Demystifying MR Spectroscopy
<i>Dikoma C. Shungu, PhD</i> |

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- 4:45pm – 6:15pm** **Session 6B** **CSI Programming: Electronic Meetings and Publishing: Putting It All Together**
Location: Washington 4/5/6
Moderators: Clifford J. Eskey, MD, PhD and Edward J. Escott, MD
- 4:45pm – 5:05pm Gathering Data: Polls
Wende N. Gibbs, MD, MA
- 5:05pm – 5:25pm Conducting A Meeting: Ways to Do This Over the Internet (Video Conferencing)
Edward P. Quigley III, MD, PhD
- 5:25pm – 5:45pm Planning a Meeting or Research Project? Using Google Spreadsheets
John L. Go, MD, FACR
- 5:45pm – 6:05pm E Publishing
Deepak Takhtani, MD
- 6:05pm – 6:15pm Questions
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- 4:45pm – 6:15pm** **Session 6C** **Evidence Based Medicine Programming: Appropriateness of Neuroimaging and Clinical Decision Support in the Emergency Department**
Location: Washington 1/2/3
Moderators: Robert M. Barr, MD, FACR and Bhavya Rehani, MD
- 4:45pm – 5:05pm Impact of Clinical Decision Support on the Volume and Appropriateness in the Emergency Department
Srinivasan Mukundan, Jr., MD, PhD
- 5:05pm – 5:25pm Emergency Medicine Physician Perspective on Using Clinical Decision Support
Ali S. Raja, MD, MBA
- 5:25pm – 5:45pm Value Based ER Radiology
David J. Seidenwurm, MD, FACR
- 5:45pm – 6:05pm Legal Implications of Clinical Decision Support Tools
Jacqueline A. Bello, MD, FACR
- 6:05pm – 6:15pm Panel Discussion
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- 4:45pm – 6:15pm** **Session 6D** **PARALLEL PAPER SESSION: Turbo Talks - Advanced Pediatric MRI / Gadolinium Deposition**
Location: Roosevelt 1-3
Moderators: Blaise V. Jones, MD and Laurence J. Eckel, MD
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- 4:45pm – 6:15pm** **Session 6E** **Study Group - Clinical Translation of Functional Diffusion MRI (non-CME)**
Location: Maryland A/B/C

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Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

4:45pm – 6:21pm

Session 6F**PARALLEL PAPER SESSION-Thrombosis, Clot
Detection and CNS Hemorrhage****Location: Roosevelt 4***Moderators: Charles L. Truwit, MD and Prof. Sven Haller, MD*

6:15pm – 7:45pm

Welcome Reception**Location: Exhibit Hall C**

7:45pm – 10:00pm

Jam Session**Location: Exhibit Hall C**

Tuesday, May 24, 2016

- 6:30am – 8:30am** **Breakfast Concession Stands**
Locations: Marriott Foyer, Atrium, Exhibit Hall A
- 7:30am – 8:30am** **Session 7A** **Tuesday Morning SAM – Spine – Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderator: Maria Vittoria Spampinato, MD
- 7:30am – 7:55am Unusual Spine Pathology
Carlos H. Torres, MD, FRCPC
- 7:55am – 8:00am Questions and Answers
- 8:00am – 8:25am Imaging of Spinal Cord Lesions
Christie M. Lincoln, MD
- 8:25am – 8:30am Questions and Answers
- 8:35am – 10:00am** **Session 8A** **ASPNR Programming: Pediatric Vascular Disease**
Location: Marriott Ballroom
Moderators: Ashok Panigrahy, MD and Chen Hoffmann, MD
- 8:35am – 8:55am Congenital Vascular Disorders
Mariasavina Severino, MD
- 8:55am – 9:15am Arteriopathy in Pediatric Stroke
Max Wintermark, MD
- 9:15am – 9:35am Pediatric Stroke: The Neurologist’s Perspective
Gabrielle deVeber, MD
- 9:35am – 9:55am Pediatric Venous Disorders
Nadine J. Girard, MD
- 8:35am – 10:00am** **Session 8B** **Young Professional Programming: Utilizing Advanced Imaging in Your Practice**
Location: Washington 4/5/6
Moderators: Falgun H. Chokshi, MD, MS and William P. Dillon, MD
- 8:35am – 9:00am Vessel Wall Imaging
Mahmud Mossa-Basha, MD
- 9:00am – 9:25am A Practical Guide to Developing a Clinical fMRI Service
Amit M. Saindane, MD
- 9:25am – 9:50am Interventional Spine Service: Beyond LP’s & Myelos
Vinil N. Shah, MD
- 9:50am – 10:00am Discussion
- 8:35am – 10:03am** **Session 8C** **PARALLEL PAPER SESSION: Multiple Sclerosis / Adult Brain MRI**
Location: Washington 1/2/3
Moderators: Gordon K. Sze, MD, FACR and Emerson L. Gasparetto, MD, PhD

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Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

- 8:35am – 10:00am** **Session 8D** **PARALLEL PAPER SESSION: Turbo Talks – Traumatic Brain Injury / Epilepsy Advances**
Location: Roosevelt 1-3
Moderators: Meng Law, MD, MBBS, FRACR and Kim M. Cecil, PhD
- 8:35am – 10:00am** **Session 8E** **Quantitative Imaging**
Location: Maryland A/B/C
Moderators: Andreia V. Faria, MD, PhD and Edward H. Herskovits, MD, PhD
- 8:35am – 8:52am Quantitative Imaging in Context
Edward H. Herskovits, MD, PhD
- 8:52am – 9:09am Neuroimaging Analysis
Dinggang Shen, MD
- 9:09am – 9:26am Computational-Aid for Head Neck Oncoradiology
Todd McNutt, PhD
- 9:26am – 9:43am Applications of Imaging Quantification
Govind Bhagavatheeshwaran, PhD
- 9:43am – 10:00am Tools For High – Throughput Neuroimage Analysis and Personalized Medicine
Andreia V. Faria, MD, PhD
- 8:35am – 10:00am** **Session 8F** **Healthcare Policy Programming: Payment Policy Update (2016 – J. Arliss Pollock Memorial Lecture)**
Location: Roosevelt 4
Moderators: William D. Donovan, MD, MPH, FACR and Carolyn Cidis Meltzer, MD, FACR
- 8:35am – 8:45am Presentation of the J. Arliss Pollock Memorial Award
- 8:45am – 9:05am The Dawn of a New Day: Goodbye SGR, Hello MACRA
Joshua A. Hirsch, MD, FACR, FSIR
- 9:05am – 9:30am Diving Deep on APMs and Succeeding with MIPS
Gregory N. Nicola, MD
- 9:30am – 10:00am How Imaging 3.0 Fits into New Paradigm for Neuroradiologists
Geraldine B. McGinty, MD, MBA
- 10:00am – 10:30am** **Morning Beverage Break**
Location: Exhibit Hall C
- 10:30am – 11:00am** **ASNR Annual Business Meeting (Members Only)**
Location: Marriott Ballroom

Tuesday, May 24, 2016

- 11:00am – 12:00pm** **Session 9A** **Healthcare Policy Programming: National Initiatives and the Role of the Government (“Public Policy Matters”)**
Location: Marriott Ballroom
Moderators: John E. Jordan, MD and David J. Seidenwurm, MD, FACR
- 11:00am – 11:30am Updates from CMS – Healthcare Policy Matters
Kate Goodrich, MD, MHS, Director of the Center for Clinical Standards and Quality at CMS
- 11:30am – 12:00pm News from the FDA
Daniel Krainak, PhD, Biomedical Engineer, FDA
- 12:15pm – 1:00pm** **How-To Session – Bracco Diagnostic’s, Inc. (non-CME)**
Location: Marriott Ballroom
- 10:30am – 1:30pm** **Lunch Concession Stands**
Locations: Exhibit Hall C, Marriott Foyer, Atrium, Exhibit Hall A
- 1:15pm – 2:45pm** **Session 10A** **ASHNR Programming: Update on Orbital Imaging Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderators: Claudia Kirsch, MD and Nandini Patel, MD
- 1:15pm – 1:40pm Visual Loss: Understanding the Patterns
Tabassum A. Kennedy, MD
- 1:40pm – 2:05pm Diplopia: Anatomy and Pathology
Ilona M. Schmalfuss, MD
- 2:05pm – 2:30pm Orbital Infections: What You Need to Know
Gregory D. Avey, MD
- 2:30pm – 2:45pm Questions and Answers
- 1:15pm – 2:45pm** **Session 10B** **ESNR Programming: Cases Audience Response (AR)**
Location: Washington 4/5/6
Moderator: Prof. Pia Maly Sundgren, MD, PhD
- Cases
Johan W. Van Goethem, MD, PhD
Majda M. Thurnher, MD
Walter Kucharczyk, MD, FRCP(C)

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Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

- 1:15pm – 2:45pm** **Session 10C** **Healthcare Policy Programming: Challenges Along the Road from Volume to Value**
Location: Washington 1/2/3
Moderators: John E. Jordan, MD and Robert D. Zimmerman, MD, FACR
- 1:15pm – 1:45pm Management of Incidental Thyroid Nodules: ACR White Paper and Controversies
Jenny K. Hoang, MBBS
- 1:45pm – 2:15pm A Surgeon's Perspective on Incidental Thyroid Nodules
Julie Ann Sosa, MD, MA, FACS
- 2:15pm – 2:45pm ACR Perspective on the Shift from Volume to Value
Geraldine B. McGinty, MD, MBA
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- 1:15pm – 2:45pm** **Session 10D** **PARALLEL PAPER SESSION: Turbo Talks – Degenerative Diseases / Gadolinium Deposition**
Location: Roosevelt 1-3
Moderators: David S. Enterline, MD and Mark T. Tierney, MD, PhD
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- 1:15pm – 2:51pm** **Session 10E** **PARALLEL PAPER SESSION: Pediatric CNS: Vascular Techniques**
Location: Maryland A/B/C
Moderators: P. Ellen Grant, MD and Joshua S. Shimony, MD, PhD
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- 1:15pm – 2:45pm** **Session 10F** **CSI Programming: The Neuroradiology Work Environment**
Location: Roosevelt 4
Moderator: Yvonne W. Lui, MD and C. Douglas Phillips, MD, FACR
- 1:15pm – 1:35pm Mistakes and How to Avoid Them
Carlos H. Torres, MD, FRCPC
- 1:35pm – 1:55pm How to Avoid Interruptions in the Work Place
John-Paul J. Yu, MD, PhD
- 1:55pm – 2:15pm Structured Reporting
Richard H. Wiggins, III, MD
- 2:15pm – 2:35pm Image Sharing with Patients
C. Douglas Phillips, MD, FACR
- 2:35pm – 2:45pm Discussion
- 2:45pm – 3:00pm** **Afternoon Beverage Break**
Location: Exhibit Hall C

Tuesday, May 24, 2016

- 3:00pm – 4:30pm** **Session 11A** **ASFNR Programming: Advanced Neuroimaging Techniques in Brain Tumor: Current Updates Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderators: Mark S. Shiroishi, MD and Jason M. Johnson, MD
- 3:00pm – 3:15pm Proton MR Spectroscopy
Peter B. Barker, D.Phil
- 3:15pm – 3:35pm Functional MRI Pre-Treatment Planning for Brain Tumor: Pitfalls and Progress
Kirk M. Welker, MD
- 3:35pm – 3:55pm Perfusion: Treatment Response from Pseudoprogression
Jerrold Boxerman, MD, PhD
- 3:55pm – 4:15pm Diffusivity and Genomics: Current Thoughts and Metrics
Whitney B. Pope, MD, PhD
- 4:15pm – 4:30pm Questions and Answers
- 3:00pm – 4:36pm** **Session 11B** **PARALLEL PAPER SESSION-Stroke: Advanced CT and MR Techniques**
Location: Washington 4/5/6
Moderators: Kambiz Nael, MD and Seena Dehkharghani, MD
- 3:00pm – 4:30pm** **Session 11C** **Incidental Findings**
Location: Washington 1/2/3
Moderators: Tabassum A. Kennedy, MD and Tina Young Poussaint, MD
- 3:00pm – 3:20pm General Overview of Incidental Findings
Tina Young Poussaint, MD
- 3:20pm – 3:40pm Incidental Findings in CT Angiography Neck Examinations
Phillip R. Chapman, MD
- 3:40pm – 3:55pm Incidental Findings in 10,000 Research Volunteer MR Exams
Paul Rowley, BS
- 3:55pm – 4:20pm Best Practices: Clinical and Research Incidental Findings
Gregory G. Zaharchuk, MD, PhD
- 4:20pm – 4:30pm Questions and Answers
- 3:00pm – 4:30pm** **Session 11D** **PARALLEL PAPER SESSION: Turbo Talks-16 Shades of Grey and White Matter**
Location: Roosevelt 1-3
Moderators: James G. Smirniotopoulos, MD and Gaurang V. Shah, MD

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Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

3:00pm – 4:30pm

Session 11E

Young Professional Programming: Social Media Programming: Career and Social Media

Location: Maryland A/B/C

Moderators: Amy L. Kotsenas, MD and Jennifer E. Nathan, MD

3:00pm – 3:15pm

Becoming a Leader in Private Practice
Robert M. Barr, MD, FACR

3:15pm – 3:30pm

Becoming a Leader in Academics
Christine M. Glastonbury, MBBS

3:30pm – 3:45pm

WHY all Radiologists Should Use Social Media Professionally
Jenny K. Hoang, MBBS

3:45pm – 4:00pm

The Nuts and Bolts of Social Media: AKA How Do I Use This Stuff?
Neil Uttam Lall, MD

4:00pm – 4:30pm

Social Media Super-Users Panel
Geraldine B. McGinty, MD, MBA
Ryan T. Fitzgerald, MD
Falgun H. Chokshi, MD, MS
Courtney M. Tomblinson, MD

3:00pm – 4:30pm

Session 11F

ASSR Programming: Advanced Interventional Spine

Procedures

Location: Roosevelt 4

Moderators: Jeffrey A. Stone, MD, FACR and Gregory J. Lawler, MD

3:00pm – 3:25pm

Regenerative Spine Medicine: A Primer for Neuroradiologists
Blake A. Johnson, MD, FACR

3:25pm – 3:40pm

The Future Spine Radiologist: Integrating Imaging and Procedures for Precision Diagnosis and Treatment
Gregory J. Lawler, MD

3:40pm – 4:00pm

The Spine Clinic: Moving Toward ABR Pain Medicine Certification
A. Orlando Ortiz, MD, MBA, FACR

4:00pm – 4:20pm

Interventional Pain Management in Failed Back Surgery Syndrome
Bassem A. Georgy, MD

4:20pm – 4:30pm

Discussion

4:45pm – 6:15pm

Session 12A

ASPNR Programming: Cased Based Competition

Audience Response (AR)

Location: Marriott Ballroom

Moderator: Erin Simon Schwartz, MD

Susan Palasis, MD

Ashok Panigrahy, MD

Arastoo Vossough, PhD, MD

Tuesday, May 24, 2016

- 4:45pm – 6:15pm** **Session 12B** **Drugs and Bugs: Global Disasters**
Location: Washington 4/5/6
Moderators: Walter Kucharczyk, MD, FRCP(C) and Prof. Tchoyoson CC. Lim, MBBS, FRCR
- 4:45pm – 5:10pm CNS Manifestations Associated with Illicit Drugs and Infections
Prof. Tchoyoson CC. Lim, MBBS, FRCR
- 5:10pm – 5:35pm Bugs and Drugs: CNS Manifestations Associated with Illicit Drugs and Infections in Brazil
Lara Alexandre Brandão, MD
- 5:35pm – 6:00pm Drugs and Bugs: Look What the Boeing Dragged In!
Apostolos John Tsiouris, MD
- 6:00pm – 6:15pm Discussion
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- 4:45pm – 6:15pm** **Session 12C** **Organizational Dynamics**
Location: Washington 1/2/3
Moderator: Suresh K. Mukherji, MD, FACR, MBA
- 4:45pm – 5:20pm Radiology Group Dynamics-Moving from Dysfunction to Fun Using Leadership and Citizen Training
Frank J. Lexa VII, MD
- 5:20pm – 5:55pm There are Many Groups in Your Radiology Group: Leading Them to Success
Andrew F. Simon, PhD, PsyD
- 5:55pm – 6:15pm Discussion
-
- 4:45pm – 6:15pm** **Session 12D** **PARALLEL PAPER SESSION: Turbo Talks – Hot Topics in Neuro Socioeconomics**
Location: Roosevelt 1-3
Moderators: Raymond K. Tu, MD, FACR and Kristine A. Blackham, MD
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- 4:45pm – 6:15pm** **Session 12E** **Study Group – Intracranial and Cervical Vessel Wall Imaging (non-CME)**
Location: Maryland A/B/C
-
- 4:45pm – 6:21pm** **Session 12F** **PARALLEL PAPER SESSION: Interventional: Vascular Malformations**
Location: Roosevelt 4
Moderators: Biraj M. Patel, MD and Jeffrey L. Sunshine, MD, PhD

Wednesday, May 25, 2016

Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

- 6:30am – 8:30am** **Breakfast Concession Stands**
Locations: Marriott Foyer, Atrium, Exhibit Hall A
-
- 7:30am – 8:30am** **Session 13A** **Wednesday Morning SAM – Spine – Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderator: Blaise V. Jones, MD
- 7:30am – 7:55am Pediatrics Brain Cases
Tina Young Poussaint, MD
- 7:55am – 8:00am Questions and Answers
- 8:00am – 8:25am Going with the Flow: Pediatric Vascular Disease
David M. Mirsky, MD
- 8:25am – 8:30am Questions and Answers
-
- 8:30am – 9:00am** **Session 14** **General Session: Future of Neuroimaging / Neuroscience Research**
Location: Marriott Ballroom
Moderator: R. Gilberto Gonzalez, MD, PhD
Future of Neuroimaging / Neuroscience Research
Walter Koroshetz, MD, Director NINDS
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- 9:00am – 10:00am** **Session 14A** **Mini Stroke – Acute Triage**
Location: Marriott Ballroom
Moderator: Allan L. Brook, MD, FSIR
- 9:00am – 9:30am A New Standard for Acute Stroke Therapy
Gregory W. Albers, MD, FAHA
- 9:30am – 10:00am Stroke Triage: Patient Selection Beyond the 6 Hour Window
Mohammad Chaudy, MD
-
- 9:00am – 10:00am** **Session 14B** **MR Safety – Updates in 2016**
Location: Washington 4/5/6
Moderator: TBD
- 9:00am – 9:15am Update on Retained GBCA
Robert J. McDonald, MD, PhD
- 9:15am – 9:30am Anthropogenic GBCA and Status of GBCA Expose
Emanuel Kanal, MD
- 9:30am – 9:45am The American Board of MR Safety Standardization
Emanuel Kanal, MD
- 9:45am – 10:00am Questions/Answers and Audience Feedback

Wednesday, May 25, 2016

- 9:00am – 10:00am** **Session 14C** **Dementia**
Location: Washington 1/2/3
Moderator: Jeffrey R. Petrella, MD
- 9:00am – 9:30am Molecular and Functional Imaging Techniques in Preclinical Alzheimer's Disease: Implications for Prevention Trials
Reisa Sperling, MD
- 9:30am – 10:00am Brain Aging and Biomarkers of Alzheimers Disease
Clifford R. Jack Jr., MD
- 9:00am – 10:00am** **Session 14D** **PARALLEL PAPER SESSION: Turbo Talks – Brain Physiology in Practice**
Location: Roosevelt 1-3
Moderators: David J. Mikulis, MD and Ryan T. Fitzgerald, MD
- 9:00am – 10:00am** **Session 14E** **Subspecialty & Regional Society Papers, Dyke Award, Foundation of the ASNR Papers**
Location: Maryland A/B/C
Moderators: Pina C. Sanelli, MD, MPH, FACR and Jordan M. Prager, MD
- 9:00am – 9:10am Awards Announcements
- 9:10am – 9:18am A Method to Quantify Injury to White-Matter Pathways Using Diffusion MRI – Norma E. Leeds Award (ENRS)
Emad Ahmadi, MD
- 9:18am – 9:26am Automated Adaptive Multiplane-Multiangle Oblique (AAMO) Rendering Volumetric Spine CT – Stephen A. Kieffer Award or Best Mentor Paper
Nicholas V. Titelbaum, MD
- 9:26am – 9:34am CSF Venous Fistula and Renal Contrast in SIH Patients Without CSF Leak at CT Myelography – 2016 Louis A. Gilula, MD Mentor Award (ASSR)
Michael S. Clark, MD
- 9:34am – 9:42am Altered Excitation-Inhibition in Knee Osteoarthritis – Gabriel H. Wilson Award (WNRS)
Bradley R. Foerster, MD, PhD
- 9:42am – 9:50am Tales From the Crypt: When Vertebral Augmentation Goes Very Wrong – Southeastern Neuroradiology Society (SENRS) Award
Mary E. Jensen, MD
- 9:50am – 9:58am Structural Connectivity of Distributed Cortical Association Networks Reflects Cognitive Reserve in Autosomal Dominant Familial Alzheimer's Disease – 2016 Cornelius G. Dyke Memorial Award
Jeffrey W. Prescott, MD, PhD
- 8:35am – 10:03am** **Session 14F** **PARALLEL PAPER SESSION: Venous Disease and CSF Dynamics**
Location: Roosevelt 4
Moderators: Victor M. Haughton, MD and Ajay Malhotra, MD
- 10:00am – 10:30am** **Morning Beverage Break**
Location: Exhibit Hall C

Wednesday, May 25, 2016

Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

- 10:30am – 12:00pm** **Session 15A** **SNIS Programming: Point-Counterpoint: Drip-and-Ship vs. Mothership – The NeuroInterventionalist’s Role in Large Vessel Occlusion Therapy Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderators: Peter A. Rasmussen, MD and Charles J. Prestigiacomo, MD, FACS, FAANS
- 10:30am – 10:45am Large Vessel Occlusion (LVO) Therapy: What is the Current Evidence
Mahesh V. Jayaraman, MD
- 10:45am – 11:00am Point: Drip-and-Ship for Acute Ischemic Stroke: What is the Evidence?
M. Shazam Hussein, MD
- 11:00am – 11:15am Counterpoint: Mothership for Acute Ischemic Stroke: What is the Evidence?
Blaise W. Baxter, MD
- 11:15am – 11:30am Speaker Rebuttals
- 11:30am – 11:45am Does the Mobile Stroke Unit (MSU) Change the Rules? Incorporating MSU in Stroke Therapy
Peter A. Rasmussen, MD
- 11:45am – 12:00pm Questions and Answers
-
- 10:30am – 12:00pm** **Session 15B** **WHO’s Next and What’s New? The 2016 World Health Organization Update on Brain Tumors: What Neuroradiologists Need to Know**
Location: Washington 4/5/6
Moderators: Anne G. Osborn, MD and Kelly K. Koeller, MD, FACR
- 10:30am – 11:15am Updates on Brain Tumors
Anne G. Osborn, MD
- 11:15am – 12:00pm What is Next in Pathology
Bette K. Kleinschmidt-DeMasters, MD
-
- 10:30am – 12:00pm** **Session 15C** **ASFNR Programming: Resting State Connectivity: Ready for Primetime?**
Location: Washington 1/2/3
Moderators: T. Jason Druzgal, MD, PhD and Arastoo Vossough, MD, PhD
- 10:30am – 10:50am Resting State Connectivity in Language Function
Steven M. Stuffelbeam, MD
- 10:50am – 11:10am What We Know About Resting State Connectivity in Children
Robert K. Fulbright, MD
- 11:10am – 11:30am Resting Connectivity and the Connectome
Joshua S. Shimony, MD, PhD
- 11:30am – 11:50am Resting State Connectivity in Neurodegenerative Disease: Biomarker Potential
Haris Sair, MD
- 11:50am – 12:00pm Discussion

Wednesday, May 25, 2016

- 10:30am – 12:00pm** **Session 15D** **PARALLEL PAPER SESSION-Turbo Talks – Pediatric CNS: Fetal Imaging / Sickle Cell Disease**
Location: Roosevelt 1-3
Moderators: Orit A. Glenn, MD and Thierry A.G.M. Huisman, MD
- 10:30am – 12:00pm** **Session 15E** **CSF Programming: Normal Pressure Hydrocephalus (NPH) and Chiari I**
Location: Maryland A/B/C
Moderators: William G. Bradley, Jr., MD, PhD, FACR and Harold L. Rekate, MD
- 10:30am – 10:55am Diagnosis and Management of Chiari
Harold L. Rekate, MD
- 10:55am – 11:20am Computational Flow Dynamics of Chiari
Victor M. Haughton, MD
- 11:20am – 11:45am PC-MRI in Evaluation of NPH
William G. Bradley Jr., MD, PhD, FACR
- 11:45am – 12:00pm Discussion
- 10:30am – 12:06pm** **Session 15F** **PARALLEL PAPER SESSION: Informatics: Analysis Tools and Optimized Workflow**
Location: Roosevelt 4
Moderators: Edward Yang, MD and Asim Z. Mian, MD
- 10:30am – 1:30pm** **Lunch Concession Stands**
Locations: Exhibit Hall C, Marriott Foyer, Atrium, Exhibit Hall A
- 12:15pm – 1:00pm** **How-To Session – Toshiba America Medical Systems (non-CME)**
Location: Marriott Ballroom
- 1:15pm – 2:45pm** **Session 16A** **SNIS Programming: Trauma and the NeuroInterventionalist: The Management of the Endovascular Emergency**
Location: Marriott Ballroom
Moderators: Chirag D. Gandhi, MD and Charles J. Prestigiacomo, MD, FAANS, FACS
- 1:15pm – 1:35pm Diagnostic Neuroradiology in the Setting of Trauma of the Head and Neck: Spotting the Problem
Jeffrey L. Sunshine, MD, PhD
- 1:35pm – 1:55pm Management of Traumatic Dissections of the Great Vessels of the Neck: Current Level of Evidence
Sameer A. Ansari, MD, PhD
- 1:55pm – 2:15pm Acute Management of the Traumatic CCF
Rocco A. Armonda, MD
- 2:15pm – 2:35pm Acute Endovascular Management of Trauma of the Face and Neck
Chirag D. Gandhi, MD
- 2:35pm – 2:45pm Panel Discussion

Wednesday, May 25, 2016

Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

1:15pm – 2:45pm

Session 16B Traumatic Brain Injury (TBI) – Advanced

Location: Washington 4/5/6

Moderators: Richard Watts, D.Phil and Gregory G. Zaharchuk, MD, PhD

1:15pm – 1:45pm

Advanced Biomarkers of Traumatic Brain Injury for Precision Medicine
Pratik Mukherjee, MD, PhD

1:45pm – 2:15pm

Brain Imaging and Subconcussive Impacts in Sports-related mild TBI
Joseph A. Maldjian, MD

2:15pm – 2:45pm

Radiology Findings in Military TBI Using Advanced MR Imaging
Gerard Riedy, MD, PhD

1:15pm – 2:45pm

Session 16C ASFNR Programming: Cutting Edge Functional Imaging in Neurodegenerative Disorders: New Concepts

Location: Washington 1/2/3

Moderators: Timothy M. Shepherd, MD, PhD and Doris D. M. Lin, MD, PhD

1:15pm – 1:35pm

Advanced Translational Approach to Functional Connectivity MRI in Neurodegenerative Disorders
Jeffrey S. Anderson, MD, PhD

1:35pm – 1:55pm

Functional MR in Alzheimers Disease
Jeffrey R. Petrella, MD

1:55pm – 2:15pm

Models of Graph Spread Can Predict the Spatio-Temporal Distribution of Neurodegenerative Disorders
Ashish Raj, PhD

2:15pm – 2:35pm

Metabolic Connectivity Pathways in Neurodegenerative Disease
David Eidelberg, MD

2:35pm – 2:45pm

Discussion

1:15pm – 2:45pm

Session 16D PARALLEL PAPER SESSION: Turbo Talks – Spine Innovations

Location: Roosevelt 1-3

Moderators: John L. Go, MD, FACR and Vikas Agarwal, MD

Wednesday, May 25, 2016

1:15pm – 2:45pm **Session 16E** **SILAN Programming: Cerebral Venous System: Update in Diagnostic and Novel Treatments**
Location: Maryland A/B/C
Moderators: Javier M. Romero, MD, Roy F. Riascos, MD and Carlos H. Torres, MD, FRCPC

- 1:15pm – 1:20pm Introduction: What is SILAN?
Orlando Diaz, MD
- 1:20pm – 1:40pm Diagnosis of Venous Infarct: Where Do We Stand?
R. Gilberto Gonzalez, MD, PhD
- 1:40pm – 2:00pm Venous Sinus Stenting for Endovascular Treatment of Idiopathic Intracranial Hypertension
Juan G. Tejada, MD
- 2:00pm – 2:20pm Endovascular Treatment of Venous Lesions of the Head and Neck
Alex Berenstein, MD
- 2:20pm – 2:40pm Current State of Endovascular Treatment of Acute Dural Venous Sinus Thrombosis
Josser E. Delgado, MD

1:15pm – 2:45pm **Session 16F** **PARALLEL PAPER SESSION: Pediatric Brain Tumors: Pre- and Post- Treatment**
Location: Roosevelt 4
Moderators: Gibert Vezina, MD and Aylin Tekes-Brady, MD

2:45am – 3:00pm **Afternoon Beverage Break**
Location: Exhibit Hall C

3:00pm – 4:30pm **Session 17A** **SNIS Programming: New Devices in NeuroInterventional Space**
Location: Marriott Ballroom
Moderator: Charles J. Prestigiacomo, MD, FACS, FAANS

- 3:00pm – 3:20pm The FDA and the NeuroInterventional Space: Helping to Define New Horizons
Mary E. Jensen, MD
- 3:20pm – 3:40pm Quality and Training in the World of New Devices: Who is Responsible?
Charles J. Prestigiacomo, MD, FACS, FAANS
- 3:40pm – 4:00pm New Devices for Hemorrhagic Stroke (Aneurysm and AVM): A Synopsis
Aquilla S. Turk, DO
- 4:00pm – 4:20pm New Devices for Ischemic Stroke: A Synopsis
Ansaar T. Rai, MD
- 4:20pm – 4:30pm Panel Discussion

Wednesday, May 25, 2016

Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

3:00pm – 4:30pm

Session 17B **ASSR Programming: Advanced Imaging of the Spine Audience Response (AR) Self Assessment Module (SAM)**
Location: Washington 4/5/6

Moderators: Falgun H. Chokshi, MD, MS and Meng Law, MD, MBBS, FRACR

3:00pm – 3:20pm

MR Neurography: Plexus and Peripheral Neurography
John A Carrino, MD, MPH

3:20pm – 3:40pm

Optimized Imaging of the Instrumented Spine
Lawrence N. Tanenbaum, MD, FACR

3:40pm – 4:00pm

Spinal Cord Imaging: Advanced Techniques
Meng Law, MD, MBBS, FRACR

4:00pm – 4:20pm

Spinal 4D MRA
Falgun H. Chokshi, MD, MS

4:20pm – 4:30pm

Questions and Answers

3:00pm – 4:30pm

Session 17C **PET-MR**
Location: Washington 1/2/3

Moderators: Christopher G. Filippi, MD and Mykol Larvie, MD

3:00pm – 3:25pm

Introduction to PET/MRI Neuroimagers
Gregory G. Zaharchuk, MD, PhD

3:25pm – 3:50pm

PET/MRI of Dementia
Ilya M. Nasrallah, MD

3:50pm – 4:15pm

Multimodality Imaging of Epilepsy: Role of PET/MRI
Steven M. Stuffebeam, MD

4:15pm – 4:30pm

Panel Discussion

3:00pm – 4:30pm

Session 17D **PARALLEL PAPER SESSION-Turbo Talks-Acute Stroke: Imaging and Intervention**
Location: Roosevelt 1-3

Moderators: Gaurav Jindal, MD and Maria Gisele Matheus, MD

3:00pm – 4:30pm

Session 17E **PARALLEL PAPER SESSION: Brain Tumors: Diffusion and Perfusion Techniques**
Location: Maryland A/B/C

Moderators: Jay J. Pillai, MD and Robert J. Young, MD

3:00pm – 4:30pm

Session 17F **PARALLEL PAPER SESSION: Pediatrics: Epilepsy, Autism, & Development**
Location: Roosevelt 4

Moderators: Susan Palasis, MD and Sanjay P. Prabhu, MBBS, FRCR

Wednesday, May 25, 2016

4:45pm – 6:15pm

Session 18A

One Stop Shop Symposium

Location: Marriott Ballroom

Moderator: Charles A. Strother, MD

4:45pm – 4:50pm

Introduction

4:50pm – 5:10pm

Technology Enabling Multimodality Imaging in the Angiography Suite
Guang-Hong Chen, PhD

5:10pm – 5:30pm

Rationale and Feasibility of Multimodality Imaging in the Angiography Suite. How This Adds Value
Prof. Arnd Dörfler, MD

5:30pm – 5:50pm

The Erlangen Experience with Multimodality Imaging in the Angiography
Prof. Tobias Struffert, MD

5:50pm – 6:10pm

Capabilities of Multi-Modality Imaging Using Cone-beam CT
Beverly Aagaard-Kienitz, MD

6:10pm – 6:15pm

Wrap-up

4:45pm – 6:15pm

Session 18B

CSI Programming: 3D Print

Location: Washington 4/5/6

Moderators: Jonathan M. Morris, MD and Peter Liacouris, PhD

4:45pm – 5:15pm

Incorporation of 3D Printing into a Quaternary Referral Center: Emphasis on Craniomaxillofacial
Jonathan M. Morris, MD

5:15pm – 5:45pm

3D Printing for Pediatric Neurosurgical Surgical Simulation
Sanjay P. Prabhu, MBBS, FRCS

5:45pm – 6:15pm

Using 3D Printing in the Creation of Plastic Surgery Guides and Maxillofacial Prosthetic Molds
Peter Liacouris, PhD

4:45pm – 6:15pm

Session 18C

ASNR/SNMMI* Join Session: Integrated Molecular

Imaging

Location: Washington 1/2/3

Moderator: John Seibyl, MD

4:45pm – 5:15pm

Imaging Biomarkers - PET and MRI
Sterling C. Johnson, PhD

5:15pm – 5:45pm

Amyloid PET and IDEAS Study
Ilya M. Nasrallah, MD, PhD

5:45pm – 6:15pm

Clinical Dopamine Imaging in Movement Disorders
John Seibyl, MD

4:45pm – 6:15pm

Session 18D

PARALLEL PAPER SESSION: Turbo Talks – Head and

Neck: All Neck Extravaganza

Location: Roosevelt 1-3

Moderators: Robert E. Morales, MD and Luke N. Ledbetter, MD

*SNMMI = Society of Nuclear Medicine and Molecular Imaging

Wednesday, May 25, 2016

Continuous Coffee Service in the
Technical Exhibition Hall in Exhibit Hall C

4:45pm – 6:15pm

Session 18E Excerpta – II

Location: Maryland A/B/C

Moderators: Michele H. Johnson, MD and Reza Forghani, MD, PhD

4:45pm – 6:15pm

Session 18F Study Group - Imaging Genomics (non-CME)

Location: Roosevelt 4

Thursday, May 26, 2016

- 6:30am – 8:30am** **Breakfast Concession Stands**
Locations: Marriott Foyer, Atrium, Exhibit Hall A
- 7:30am – 8:30am** **Session 19A** **Thursday Morning SAM – Head & Neck – Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderator: Ashley H. Aiken, MD
- 7:30am – 7:55am Salivary Glands
Ruth Eliahou, MD
- 7:55am – 8:00am Questions and Answers
- 8:00am – 8:25am Deep Spaces of the Neck
Mari Hagiwara, MD
- 8:25am – 8:30am Questions and Answers
- 8:35am – 10:00am** **Session 20A** **SNIS Programming: Difficult Dilemmas: Safe Solutions for Challenging Situations in the Cavernous Sinus**
Location: Marriott Ballroom
Moderator: Charles J. Prestigiacomo, MD, FAANS, FACS
- 8:35am – 9:00am Cavernous Sinus Anatomy and Its Endovascular Implications
Charles J. Prestigiacomo, MD, FAANS, FACS
- 9:00am – 9:20am Intra-arterial Approaches to Cavernous Sinus Lesions: Is the “Direct” Route Always the Best?
Matthew R. Amans, MD, MSc
- 9:20am – 9:40am Transvenous Approaches to Lesions of the Cavernous Sinus: The “Indirect Solution to a Complex Problem
Krishna Amuluru, MD
- 9:40am – 10:00am Deconstruction Methods and Alternatives to the Treatment of Vascular Lesions of the Cavernous Sinus
Ferdinand K. Hui, MD

Thursday, May 26, 2016

- 8:35am – 10:00am** **Session 20B** **Advanced Neuroimaging and Bioinformatics in Neuropsychiatric Disease**
Location: Washington 4/5/6
Moderator: John-Paul J. Yu, MD, PhD
- 8:35am – 8:50am Substance Use Disorder and Neuroimaging
Jody L. Tanabe, MD
- 8:50am – 9:05am MS Spectroscopy in Neuropsychiatric Disorders
John D. Port, MD, PhD
- 9:05am – 9:20am Imaging Genetics of 22q11 Deletion Syndrome
James E. Schmitt, MD, PhD
- 9:20am – 9:35am Systems Neuroscience, Neuroimaging and Neuropsychiatric Disease
John-Paul J. Yu, MD, PhD
- 9:35am – 9:50am Overview of Functional Neuroimaging in Neuropsychiatric Disease
Leo P. Sugrue, MD, PhD
- 9:50am – 10:00am Discussion
- 8:35am – 10:00am** **Session 20C** **PARALLEL PAPER SESSION: Head and Neck: Parathyroid, Thyroid, and Salivary**
Location: Washington 1/2/3
Moderators: Tabassum A. Kennedy, MD and Tamara Feygin, MD
- 8:35am – 10:00am** **Session 20D** **PARALLEL PAPER SESSION: Turbo Talks – Neurovascular Imaging Advances**
Location: Roosevelt 1-3
Moderators: Pamela W. Schaefer, MD and Edmond A. Knopp, MD
- 8:35am – 10:03am** **Session 20F** **PARALLEL PAPER SESSION: Pediatrics: Brain Imaging Advances**
Location: Roosevelt 4
Moderators: Laura L. Hayes, MD and Arastoo Vossough, PhD, MD
- 10:00am – 10:30am** **Morning Beverage Break**
Location: Marriott Foyer

Thursday, May 26, 2016

- 10:30am – 12:00pm** **Session 21A** **ASSR Programming: Oncologic Spine Imaging and Interventional Procedures**
Location: Marriott Ballroom
Moderators: Jack W. Jennings, MD, PhD and Wade H.M. Wong, DO
- 10:30am – 10:50am Oncology: The New Frontier for the Spinal / Pain Interventionalist
Wade H.M. Wong, DO
- 10:50am – 11:10am MR Perfusion of Spinal Metastatic Disease: Implications for Treatment and Response to Therapy
Sasan Karimi, MD
- 11:10am – 11:30am Tumor Ablation and Vertebral Augmentation for Spinal Metastatic Disease
Jack W. Jennings, MD, PhD
- 11:30am – 11:50am Endovascular Treatment of Spinal Metastatic Lesions
Huy M. Do, MD
- 11:50am – 12:00pm Discussion
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- 10:30am – 12:00pm** **Session 21B** **CSF Programming: Normal Pressure Hydrocephalus (NPH) and Pseudotumor**
Location: Washington 4/5/6
Moderator: Meng Law, MD, MBBS, FRACR
- 10:30am – 10:55am Physiology and Imaging of CSF Flow
Ari M. Blitz, MD
- 10:55am – 11:20am TimSLIP in Evaluation of NPH
Meng Law, MD, MBBS, FRACR
- 11:20am – 11:45am Idiopathic Intracranial Hypertension
William P. Dillon, MD
- 11:45am – 12:00pm Discussion
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- 10:30am – 12:00pm** **Session 21C** **PARALLEL PAPER SESSION: Head & Neck: The Orbital Neighborhood**
Location: Washington 1/2/3
Moderators: Rihan Khan, MD and Jeffrey A. Bennett, MD
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- 10:30am – 12:00pm** **Session 21D** **PARALLEL PAPER SESSION: Turbo Talks – Intracranial Vascular Procedures**
Location: Roosevelt 1-3
Moderators: Matthew R. Amans, MD, MSc and John H. Rees, MD
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- 10:30am – 12:00pm** **Session 21F** **Excerpta – III**
Location: Roosevelt 4
Moderators: Gaurav Jindal, MD and Daniel Mandell, MD, PhD, FRCPC
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- 10:30am – 1:30pm** **Lunch Concession Stands**
Locations: Marriott Foyer, Atrium, Exhibit Hall A

Thursday, May 26, 2016

- 12:15pm – 1:00pm** **How-To Session – Philips Healthcare (non-CME)**
Location: Marriott Ballroom
- 1:15pm – 2:45pm** **Session 22A Multiple Sclerosis Audience Response (AR) Self Assessment Module (SAM)**
Location: Marriott Ballroom
Moderator: Aaron S. Field, MD, PhD
- 1:15pm – 1:40pm MS Diagnosis and Therapy: State of the Science
Peter A. Calabresi, MD
- 1:40pm – 2:10pm Advanced Neuroimaging in MS
Daniel S. Reich, MD, PhD
- 2:10pm – 2:30pm Differential Diagnosis in MS Imaging
Aaron S. Field, MD, PhD
- 2:30pm – 2:45pm Questions and Answers
- 1:15pm – 2:45pm** **Session 22B SNIS Programming: Seeing Aneurysms a Whole New Way: Biophysics and Computational Fluid Dynamics of Aneurysms**
Location: Washington 4/5/6
Moderator: Charles J. Prestigiacomo, MD, FAANS, FACS
- 1:15pm – 1:35pm Designing Aneurysms: A Primer on Advanced Computational Fluid Dynamics
Adel M. Malek, MD, PhD
- 1:35pm – 1:55pm Merging Biomathematics and CFD: From Equation to Patient Care
Charles J. Prestigiacomo, MD, FAANS, FACS
- 1:55pm – 2:15pm Patient-Specific CFD: Personalized Medicine in Aneurysm Therapy?
Matthew J. Gounis, PhD
- 2:15pm – 2:35pm CFD and Device Assessment: Can We Predict the Optimal Treatment
Juan R. Cebal, PhD
- 2:35pm – 2:45pm Panel Discussion
- 1:15pm – 2:45pm** **Session 22D PARALLEL PAPER SESSION: Advances in CNS Tumor Imaging and Treatment**
Location: Roosevelt 1-3
Moderators: Daniel P. Barboriak, MD and Jacqueline A. Bello, MD, FACR
- 1:15pm – 2:45pm** **Session 22F PARALLEL PAPER SESSION: Intracranial Plaque and Vessel Wall Imaging**
Location: Roosevelt 4
Moderator: Bruce A. Wasserman, MD and Fletcher M. Munter, MD