



NeuroNet|pro



The American Society  
of Neuroimaging

# SCOTTSDALE



## A JOINT CONFERENCE ON NEUROINNOVATIONS

JANUARY 13-16, 2022

THE SCOTT RESORT & CONFERENCE CENTER | Scottsdale, Arizona



# WELCOME

## Two Meetings Come Together to Produce a Unique Conference on Neuroinnovations

The **American Society of Neuroimaging Annual Meeting** has always been a place for providers of all levels – students, residents, fellows, technologists, advanced practice providers & attendings – to gather & discuss all modalities of neuroimaging (CT, MRI, US), how they make our patients & practice better, & to meet with industry partners who bring us the latest in neurological diagnostic technology.

This year, we welcome as joint hosts, **NeuroNet Pro**, an education & consulting organization focused on helping physician groups implement best-practice business models, integrating modern technology to solve practical issues, & leveraging the value of neurology in our healthcare delivery system.

Together, these two societies offer an opportunity for examining potential solutions to significant real world issues through its own expert lens. Precision medicine from ASN providers & scientists. Business & operations technologies through the practical eyes of NeuroNetPro attendees. The groups will unite for strategic keynote addresses, panel discussions & social gatherings intended to re-imagine the neurology delivery model.

We hope that both clinical & business professionals attend this important in-person meeting together. It will be a beautiful time of year in Scottsdale, AZ. Our program & venue have been created to foster important relationships, & facilitate problem solving among clinicians, scientists, businesspersons, & industry.

-Joseph V. Fritz, PhD  
Program Chair

“Neuroimaging plays a critical role in shaping the future of neurology & more importantly neuroimaging makes us better neurologists”

- Marc Malkoff, MD, FAAN, FAHA, RPN  
ASN President

“It is impossible to separate treatment breakthroughs from the precision diagnostics & practice innovations that together are required to solve the devastation & economic burdens of neurologic disorders”

- David Evans, MBA  
NeuroNet Pro CEO



# WHO SHOULD ATTEND?

## **Intended Audience for ASN Clinical Imaging & Precision Medicine Sessions**

ASN welcomes providers of all levels: attendings, students, residents, fellows, technologists, advanced practice providers. We gather & discuss all modalities of neuroimaging (CT, MRI, US), how they make our patients & practice better, & meet with industry partners who bring us the latest in neurological diagnostic technology. We believe neuroimaging training produces better neurologists, & have increased emphasis on refresher courses & clinical plenaries that relate imaging to clinical decision making & therapy management.

While the focus of the ASN conference remains on clinical neuroimaging & patient benefit, we will be working with our NeuroNet partners to bring economic & business perspectives, & inviting engineers to bring us leading edge diagnostic technology updates, including topics related to informatics, data management & AI, thus expanding an already robust meeting to even more related professions & professionals.

## **Intended Audience for NeuroNet Pro Business Sessions**

Business sessions welcome all those involved in practice management to interact with expert peers as we roll up our sleeves to identify solutions for common hurdles that affect the sustainability of the neurology practice. Topic areas will appeal to those involved in revenue cycle management & payment reform, human resources & retention/recruiting, compliance & ethics, and process improvement & intelligent automation.

Shared keynotes & panel discussions alongside clinical teammates offer a unique opportunity to align all stakeholders in integrating 21st-century tools & business models to develop a vision for transformative changes in healthcare delivery.

# PROGRAM OVERVIEW

## Thursday, January 13

1:00 - 2:00 pm	<b><i>Business Hot Topics</i></b>	<b><i>Imaging Fundamentals Refresher</i></b>
2:00 - 3:00 pm		
3:00 - 4:00 pm		
4:00 - 5:00 pm		
5:00 - 6:00 pm	<b><i>WELCOME RECEPTION</i></b>	
6:00 - 7:00 pm		

## Friday, January 14

7:30 - 8:00 am	MORNING YOGA	
8:00 - 8:30 am	BREAKFAST	
8:30 - 9:00 am	WELCOME & KEYNOTE: "Role of AI & Digital Medicine in the Future Practice of Neurology" - Junaid Kalia, MD	
9:00 - 9:30 am		
9:30 - 10:00 am	Business Plenary: Technology & Automation	Clinical Plenary: Precision Diagnostics
10:00 - 12:00 pm		
12:00 - 1:00 pm	Lunch & "All Stakeholder" Panel Discussions	
1:00 - 2:00 pm		
2:00 - 2:30 pm		
2:30 - 3:30 pm	Business Roundtable: Hot Topics	Scientific Sessions: Neuroimaging Hot Topics
3:30 - 4:30 pm		
4:30 - 5:00 pm		
5:00 - 6:00 pm	KEYNOTE & RECEPTION: "Exciting Transformations in Neurologic Healthcare Delivery" - Adam Boehler, Former CMMI Director	
6:00 - 7:00 pm		



# PROGRAM OVERVIEW

## Saturday, January 15

7:30 - 8:00 am	<b>MORNING YOGA</b>		
8:00 - 8:30 am	<b>BREAKFAST</b>		
9:30 - 10:00 am	<b>New Models of Payment</b>	<b>Clinical Plenary</b>	
10:00 - 12:00 pm			
12:00 - 1:00 pm	<b>Lunch &amp; "All Stakeholder" Panel Discussions</b>		
1:00 - 2:00 pm			
2:00 - 2:30 pm			
2:30 - 3:30 pm	<b>HR, Legal, Compliance, &amp; Ethical Issues</b>	<b>Hot Topics in Neuroimaging</b>	
3:30 - 4:30 pm			
4:30 - 5:30 pm			
7:00 - 10:00 pm	<b>DENT Reception</b>		

## Sunday, January 16

10:00 - 11:00 am	RPNI & NVS EXAMINATIONS	ASN BOARD OF DIRECTORS MEETING
11:00 - 12:00 pm		
12:00 - 1:00 pm		
2:00 - 2:00 pm		



# ANNUAL MEETING PROGRAM

**Thursday, January 13**

## **BUSINESS ROUNDTABLE: HOT TOPICS**

1:00 - 5:00 pm

### **TOPICS:**

- What's your hassle? Problem framing & group catharsis
- Keys to setting up your own infusion & imaging centers
- The Buy-and-Bill market: keys to effective billing, scheduling & inventory management
- Top 10 ways to throw away revenue
- Resources and solutions for small offices

## **IMAGING REFRESHERS**

1:00 - 5:00 pm

### **TOPICS:**

- Fundamentals of Imaging Interpretation for Neurologists, APPs, Residents, Fellows
- Don't Miss These Findings at the Edges of Your Images
- New Opportunities for Integrating Imaging into Neurology Practices
- Ultrasound Certification Test Preparation
- Ultrasound Credentialing Alphabet Soup

## **WELCOME RECEPTION**

5:00 - 7:00 pm



# ANNUAL MEETING PROGRAM

Friday, January 14

## WELCOME & KEYNOTE

8:30 - 9:30 am

*"Role of AI & Digital Medicine in the Future Practice of Neurology"*  
*Junaid Kalia MD*

### BUSINESS PLENARY: TECHNOLOGY & AUTOMATION

9:30 - 12:00 pm

#### TOPICS:

- Intelligent Automation of Forms, Scheduling, Registration, Auths, etc
- The Touchless Office
- Virtual Scribes & Data Integration
- Optimizing patient flow with Virtual & Digital Medicine
- Managing formulary changes \$ prior authorization
- Clinical Trials strategies for outpatient clinics & remote care
- EMR gaps and workarounds

### CLINICAL PLENARY: PRECISION MEDICINE

9:30 - 12:00 pm

**Description:** Precision diagnostics in the management of neurologic disorders: the role of imaging, biomarkers & Informatics

#### TOPICS:

- Headache
- Demyelinating disorders & neuroimmunology
- CNS Infections
- Pediatric Neurologic Disorders

## LUNCH & "All Stakeholder" Panel Discussions in the Innovations Hall

12:00 - 2:30 pm

*"Practical Implementation of Precision Medicine"*

### BUSINESS ROUNDTABLE: HOT TOPICS

2:30 - 5:00 pm

#### TOPICS:

- Maximizing the comprehensive practice: seamless data integration, curation, management and decision support
- Identifying & coordinating care for your at-risk patients
- Performance benchmarks & alerts
- How to create a high tech practice without being a guru
- Cognitive Assessment Tools: methods of reimbursement, efficient collection, accuracy, standardization

### SCIENTIFIC SESSION

2:30 - 5:00 pm

#### TOPICS:

- Imaging of Disorders of Consciousness
- Using Brain Network Imaging to Diagnose and Treat Neurological Disease
- Imaging of Neuro-infectious Diseases
- Imaging of Neuro-inflammatory and Neuro-rheumatologic Diseases of the Nervous System
- Sonolysis
- 3D Ultrasound for Stroke Prevention

## KEYNOTE & RECEPTION

5:00 - 7:00 pm

*"Exciting Transformations in Neurologic Healthcare Delivery"*  
*Adam Boehler, Former CMMI Director*



# ANNUAL MEETING PROGRAM

**Saturday, January 15**

## **NEW MODELS OF PAYMENT**

9:30 - 12:00 pm

### **TOPICS:**

- New players in healthcare: population health collaboratives, health information exchanges, payer-provider networks, and corporations
- Why should I care about MU & Interoperability?
- Succeeding with Augmented FFS & Capitated Payment Models
- Clinical documentation and its many downstream uses
- Know thy stakeholders: what is your value proposition?

## **CLINICAL PLENARY**

9:30 - 12:00 pm

**Description:** Precision diagnostics in the management of neurologic disorders: the role of imaging, biomarkers & Informatics

### **TOPICS:**

- Stroke, Neurointerventions
- TBI & Neurocritical Care
- Dementia

## **LUNCH & "All Stakeholder" Panel Discussions in the Innovations Hall**

12:00 - 2:30 pm

## **HR, LEGAL, COMPLIANCE & ETHICAL ISSUES**

2:30 - 5:30 pm

### **TOPICS:**

- Fostering Wellbeing & Infecting culture enthusiastic of change
- Compliance Top 10: the pains & the risks
- Ethical considerations with COVID: mandates vs personal preferences
- Managing the VIP Patient
- Collaborating with Industry the 2022 Guidelines
- The Team Member Experience: Recruiting, Growing, Retaining Talent
- Incorporating Inclusion, Diversity and Equity into Your Practices

## **MRI/CT SCIENTIFIC SESSION**

2:30 - 5:30 pm

### **TOPICS:**

- ADAPT TBI MRI sub-study findings
- Network brain imaging & its clinical applications
- New Cognitive Screening Processes & Tools
- Biomarkers Update: Quantitative Imaging
- Portable MRI & remote patient monitoring
- Multimodal monitoring in Neurocritical Care & TBI
- Updates on Digital Medicine technologies

## **ULTRASOUND SCIENTIFIC SESSION**

2:30 - 5:30 pm

### **TOPICS:**

- 21st century TCD
- Sonographer credentialing "alphabet soup"
- Neurovascular monitoring for indices of cerebral auto-regulation & ICP
- TCD monitoring after thrombectomy
- POCUS
- Innovations in Diagnostic Ultrasound

## **"A Celebration of Innovation in Neurology" Sponsored by Dent Neurological Institute**

7:00 - 10:00 pm

# MEET THE EXPERTS

## *Business Program Expert Faculty (preliminary)*

---

**Adam Boehler**

Former Director CMMI  
CEO Rubicon Founders

**David Evans, MBA**

CEO Texas Neurology  
Dallas, TX

**Wendy van Fossen, MBA**

CEO The Neurology Clinic  
Washington DC area

**Robert Fraser, PhD**

CEO Molecular You  
University of British Columbia

**Joseph Fritz, PhD**

CEO Dent Neurologic Institute  
Buffalo NY

**Leeanne Garms, MBA**

CEO Raleigh Neurology  
Raleigh NC

**Ron Howrigan**

Owner, Fulcrum Strategies  
Raleigh NC

**Junaid Kalia, MD**

Founder, AI NeuroCare  
VP, VeeMed Inc

**Herschel Jaquay, MBA**

CEO JW Neurology  
Indianapolis, IN

**Amy Knighten, MBA**

CEO Savannah Neurology Spec  
Savannah GA

**Christine Mann, MBA**

COO Dent Neurologic Institute  
Buffalo NY

**Brad Montgomery MBA**

CEO Noran Neurology  
Minneapolis MN

**Daniel Porreca**

ED HEALTH LINK  
BOD Strategic HIE Collaborative

**Thomas Schenk MD**

Population Health Collaborative  
Former CMO, Blue Cross



# MEET THE EXPERTS

## *Neuroimaging & Clinical Expert Faculty (preliminary)*

---

**Andrei Alexandrov, MD, RVT, NVS**

University of Tennessee  
Memphis, TN

**Brian Appavu, MD**

Phoenix Children's Hospital  
Phoenix, AZ

**Rohit Bakshi, MD**

Brigham & Women's Hospital  
Boston, MA

**Claudio Baracchini, MD**

University School of Padua School of Medicine  
Padova, IT

**Shamik Bhattacharyya, MD**

Brigham & Women's Hospital  
Boston, MA

**Marek Czosnyka, PhD**

University of Cambridge  
Cambridge, UK

**Brian Edlow, MD**

Massachusetts General Hospital  
Boston, MA

**Peter Ferrazzano, MD**

University of Wisconsin  
Madison, WI

**Emmaculate Fields, APRN-CNP**

University of Oklahoma  
Oklahoma City, OK

**Zsolt Garami, MD**

Houston Methodist  
Houston, TX

**Ryan Hakimi, DO, MS, RPNI, NVS**

University of South Carolina  
Greenville, SC

**Robert Hamilton, PhD, MS**

Johns Hopkins Medicine  
Baltimore, MD

**Carl Herickhoff, PhD**

University of Memphis  
Memphis, TN

**JP Hughes, RVT, RVS**

Society of Vascular Ultrasound  
Wilkes Barre, PA

**Dongwoon Hyun**

Stanford Medicine  
Stanford, CA

**Ashutosh Jadhav, MD, PhD**

Barrow Neurological Institute  
Phoenix, AZ

**Ruchira Jha, MD, MSc**

Barrow Neurological Institute  
Phoenix, AZ

**Peter Kalina, MD, MBA, FACR**

Mayo Clinic College of Medicine  
Rochester, MN

**Joshua Klein, MD, PhD**

Brigham & Women's Hospital  
Boston, MA

**Kerri LaRovere, MD**

Boston Children's Hospital  
Boston, MA

**Marc Malkoff, MD, RPNI**

University of Tennessee  
Knoxville, TN

**Paul Maertens, MD**

University of South Alabama  
Mobile, AL

# MEET THE EXPERTS

## *Neuroimaging & Clinical Expert Faculty (preliminary)*

---

**Joseph Masdeu, MD, PhD**

Houston Methodist  
Houston, TX

**Jennifer McVige, MD**

Dent Neurologic Institute  
Buffalo, NY

**Laszlo Mechtler, MD**

Dent Neurologic Institute  
Buffalo, NY

**Shibani S. Mukerji, MD, PhD**

Assistant Professor. Harvard Medical School  
Boston, MA

**Nicole O'Brien, MD**

Nationwide Children's Hospital  
Columbus, OH

**Mark Rubin, MD, RPNI, NVS**

University of Tennessee  
Memphis, TN

**Adnan Siddiqui, MD, PhD, FAHA**

University at Buffalo Neurosurgery  
Buffalo, NY

**Sanjeev Sivakumar, MD**

Assistant Professor. USCSOM-Greenville  
Greenville, SC

**JD Spence, MD**

Western University, University Hospital  
Ontario, CA

**Aarti Sarwal, MD, FNCS FAAN, RPNI**

Wake Forest School of Medicine  
Winston-Salem, NC

**Charles Tegeler, IV, MD, RPNI**

Wake Forest School of Medicine  
Winston-Salem, NC



# THANK YOU TO OUR SPONSORS

## GOLD



## SILVER



## BRONZE

