



32nd Annual Meeting of

The Eastern Neuroradiological Society

August 27 – 30, 2020

Hilton Burlington Lake Champlain • Burlington, Vermont

SAM Credit Available

20.75 AMA PRA Category 1 Credit(s)TM

For more information, visit www.enrs.org



From the Program Chair

On behalf of the Executive Committee and the Program Committee, I would like to invite you to join us for the 32nd Annual Meeting of the Eastern Neuroradiological Society in beautiful Burlington, Vermont. The 2020 meeting will start Thursday, August 27th and run until 12:00 PM Sunday, August 30th.

For the 2019/2020 ENRS program committee, we have assembled an expert team of neuroradiologists who are all exceptional clinicians/neuroradiologists, influential educators/teachers, and accomplished scientists/researchers. With their expertise, we were able to create a well-balanced, diverse and comprehensive as well as a timely scientific program. Similar to the previous meetings, we will offer 13 focused scientific sessions covering the following topics: ENT/Head and Neck Radiology; Artificial Intelligence, Machine Learning, and Radiomics; Neurovascular anomalies and Neurovascular Genetics; Pediatric Neuroradiology; Autoimmune diseases and Inflammation; The aging brain including Alzheimer's and Nuclear Neuroradiology; Why become a neuroradiologist, what to expect, fellowship; Stroke Imaging; System operations, resources, and workflow; Cerebral neoplasms and molecular/genetic subtyping; Hydrocephalus, CSF circulation disorders and beyond; Spine, spinal cord and brachial plexus; Emergency neuroimaging; Don't miss these lesions; advanced neuroimaging techniques. In addition, there will be a session entitled, "Wish I Could Read This Case Again!!" We expect to have several 60 minute scientific sessions allowing for presentations of scientific papers. We especially encourage the younger generation of upcoming neuroradiologists to submit as many scientific abstracts as possible. Finally, multiple SAM sessions are embedded in the program allowing for MOC cycle certification and recertification.

The meeting location is spectacular and will guarantee that all participants can enjoy top-notch lecturing and scientific exchange in one of the healthiest cities in North America. Burlington is located along beautiful Lake Champlain. The congress venue is "squeezed" between the lake and the Burlington historic downtown area. Burlington is considered one of the most environmentally progressive cities and was the first city in the United States of America to source 100% of its residential energy from renewable resources. Participants are encouraged to bring their family and friends and enjoy a bike ride on the Burlington bike path following the shoreline, a sailing trip on the lake or to stroll through the picturesque historic Burlington downtown. All of this is within a 5 minute walk from the congress venue. Ice cream lovers should consider visiting the Ben Cohen and Jerry Greenfield Ice cream factory which is a 30-minute ride from Burlington. Finally, Burlington has a convenient international airport 10 minutes away from the congress venue. This airport allows you to enjoy air travel as it was in the old days, without any stress. If you are still not convinced about attending this exciting meeting where teaching and science will meet friendship, nature, and history, you must at least visit Burlington to look for "Champ" the Vermont Loch Ness monster who "lives" in Lake Champlain!

I have enjoyed many past ENRS meetings especially because it is characterized by a very relaxed and easy-going atmosphere allowing early, and mid-career neuroradiologists to mingle with senior colleagues. I have made many friends at the ENRS meetings. I have learned so much from my colleagues because the informal setting invites open discussions and interactions. Don't miss out on this opportunity!

See you in Burlington,

Thierry A.G.M. Huisman, M.D., PD, EDiNR, EDiPDR, FICIS

Target Audience

The ENRS 32nd Annual Meeting is targeted to academic and private practice neuroradiologists, general radiologists, and other health professionals with an interest in neuroimaging and head and neck imaging in the Northeastern United States and Canada. The meeting is also targeted to trainees and is an excellent venue for physicians-in-training, including residents and fellows. The meeting covers imaging of diseases of the pediatric, adult and aging brain, spine, otolaryngology, as well as neurointervention in adults and children. The imaging techniques covered range from routine, commonly used applications, to the most recent, cutting-edge techniques. In addition, important updates on the significance of artificial intelligence, pattern recognition and radiomics will be discussed.

Accreditation

Physicians: This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Educational Symposia and The Eastern Neuroradiological Society. Educational Symposia is accredited by the ACCME to provide continuing medical education for physicians.

Educational Symposia designates this live activity for a maximum of 20.75 *AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Self-Assessment Modules (SAMs): Educational Symposia has been granted Deemed Status by the American Board of Radiology (ABR). This allows Educational Symposia to develop and implement SAMs that satisfy ABR Part II MOC requirements.

Educational Objectives

At the conclusion of the meeting, the participant should be able to:

- Effectively evaluate and derive a differential diagnosis for various diseases in the neck, sinonasal cavity, orbit, and temporal bone including aspects of appropriate reporting for Pre-FESS sinus imaging, and NIRADS in post-operative surveillance of H&N neoplasias
- Understand and utilize/apply artificial intelligence, pattern recognition and radiomics in neuroimaging
- Correlate neurovascular genetics and neuro-architecture with neurovascular anomalies
- Develop an approach for the evaluation of neonatal and pediatric disorders affecting the brain, including neuro-metabolic disorders, pediatric arterial ischemic stroke, pediatric brain tumors and neonatal brain injury
- Differentiate between various neurologic autoimmune diseases and CNS inflammation
- Evaluate the normal and abnormal aging of the brain including Alzheimer's disease and the significance of nuclear neuroradiology approaches
- Advise the upcoming young generation of radiologists why and how to become a neuroradiologist
- Optimally use and apply neuroimaging in the diagnostic work up of patients suspected of an arterial or venous stroke
- Correlate and understand the significance of combining neuroimaging findings of CNS neoplasms with molecular and genetic subtyping in the guidance of treatment options and prediction of outcome
- Unravel the mysteries of CSF circulation disorders and beyond
- Recognize spine, spinal cord and brachial plexus pathologies
- Develop an efficient, highly effective and diagnostic emergency neuroimaging pipeline
- Use advanced neuroimaging techniques including vessel wall imaging, cerebral perfusion, and advanced CT technology
- Learn from cases that we would all like to read a second time

No special educational preparation is required for this CME activity.



SPECIAL NOTE FOR THE DISABLED: Educational Symposia (ESI) and the Eastern Neuroradiological Society (ENRS) wish to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact ESI at (813) 806-1000.

DISCLAIMER: Educational Symposia (ESI) and the Eastern Neuroradiological Society (ENRS) as planners and presenters of this meeting, and Professional Travel as the official travel agency for this meeting, claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during, this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee, and Professional Travel's responsibility is limited to that of an agent.

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Radiologist-in-Chief and Edward B. Singleton
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Eugene Yu, M.D., FRCPC

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Toronto, Ontario, Canada

2019-2020 ENRS Program Committee

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Professor of Radiology, Pediatrics, Neurosurgery, Obstetrics
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Radiologist-in-Chief and Edward B. Singleton Chair
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Princess Margaret Cancer Centre University of
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ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, RADIOMICS:

Christopher G. Filippi, M.D.

Vice Chair of Biomedical Imaging and
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Professor of Radiology
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New York, NY

NEUROVASCULAR ANOMALIES, NEUROVASCULAR GENETICS:

Waleed Brinjikji, M.D.

Mayo Clinic, Rochester
Rochester, MN

CEREBRAL NEOPLASMS AND MOLECULAR/ GENETIC SUBTYPING:

Girish M. Fatterpekar, MBBS, DNB, M.D.

Associate Professor Radiology
Section Chief Neuroradiology
NYU Langone Medical Center
New York, NY

AUTOIMMUNE DISEASES AND INFLAMMATION:

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Associate Professor of Radiology and Neurology
The Russell H. Morgan Department of Radiology
Division of Neuroradiology
Johns Hopkins Hospital
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THE AGING BRAIN INCLUDING ALZHEIMER'S AND NUCLEAR NEURORADIOLOGY:

Martin G. Pomper, M.D., Ph.D.

Director, Nuclear Medicine and Molecular Imaging
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Johns Hopkins Hospital
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BECOMING A NEURORADIOLOGIST: PERSPECTIVES, EXPERIENCES, AND EXPECTATIONS:

Carlos Zamora, M.D., Ph.D.

Assistant Professor of Radiology
UNC Department of Radiology
Division of Neuroradiology
Chapel Hill, NC

STROKE IMAGING: SYSTEM OPERATIONS, RESOURCES AND WORKFLOW:

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Training
Associate Director of Neuroradiology
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PEDIATRIC NEURORADIOLOGY:

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Professor of Radiology,
Department of Medical Imaging
University of Toronto
Chief of Radiology, Ontasian Chair - Pediatric
Radiology, Staff Neuroradiologist,
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HYDROCEPHALUS, CSF CIRCULATION DISORDERS AND BEYOND:

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Clinical Professor, Radiology
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Baltimore, MD

SPINE, SPINAL CORD, AND BRACHIAL PLEXUS:

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Past-President ENRS (2003-2004)
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Birgit Ertl-Wagner, M.D.

Derek Harwood-Nash Chair of Pediatric Neuroradiology
Division Head Neuroradiology, The Hospital for Sick
Children, Toronto
Professor of Medical Imaging, University of Toronto
Toronto, Ontario, Canada

SCIENTIFIC PRESENTATIONS:

Laurent Letourneau-Guillon, MD

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Centre Hospitalier de l'Université de Montréal (CHUM)
Montreal, Quebec, Canada

Mari Hagiwara, M.D.

Associate Professor
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New York University Langone Medical Center
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Bruno P. Soares, M.D.

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Associate Professor
University of Vermont Medical Center
Burlington, VT

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Professor of Radiology
Lenox Hill Hospital and Lenox Hill Greenwich Village
New York, NY

Bruno P. Soares, M.D.

Division Chief, Neuroradiology
Associate Professor
University of Vermont Medical Center
Burlington, VT

Program Schedule

Thursday, August 27, 2020

8:00 – 9:10 AM Meeting Registration

9:10 – 9:20 Welcome
Reza Forghani, M.D., Ph.D. - ENRS President

9:20 – 9:30 Introduction
Thierry A.G.M. Huisman, M.D., P.D., EDiNR, EDiPNR, FICIS

ENT/HEAD AND NECK

Moderators: C. Douglas Phillips, M.D., FACR and Eugene Yu, M.D., FRCPC

9:30 – 9:55 Approach to Initial Diagnostic Imaging of SCCa: CT or MRI
Laila Alshafai, MBBS, FRCPC (dNR), dABR (dNR)

9:55 – 10:15 PET MR and PET CT in H&N Cancer Diagnosis
Katie S. Traylor, D.O.

10:15 – 10:40 The "Might be Pathologic" Lymph Node
Hillary R. Kelly, M.D.

10:40 – 11:00 Generating an Appropriate Report for Pre-FESS Sinus Imaging
Deborah R. Shatzkes, M.D.

11:00 – 11:30 ENT Infectious Emergency Conditions
Jared M. Steinklein, M.D.

11:30 – 12:00 PM Application of NIRADS in Post-Therapy Surveillance of H&N Neoplasia
Sara B. Strauss, M.D.

12:15 – 1:15 Lunch & Learn How-To-Session (OR Lunch on own) ♦

ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, RADIOMICS

Moderators: Christopher G. Filippi, M.D., Matthias W. Wagner, M.D., EDiR

1:30 – 1:50 AI from Turing to Facebook: Focus on Bias and Ethics
Christopher G. Filippi, M.D.

1:50 – 2:10 A Primer in AI for Neuroradiologists
Yvonne W. Lui, M.D.

2:10 – 2:30 Applications of Deep Learning to Neuroimaging
Peter D. Chang, M.D.

2:30 – 2:50 Machine Learning in Glioma Genetics and Stroke
Jayashree Kalpathy-Cramer, Ph.D.

2:50 – 3:10 Refreshment Break and Visit Technical Exhibits

NEUROVASCULAR ANOMALIES, NEUROVASCULAR GENETICS

Moderator: Waleed Brinjikji, M.D., Dheeraj Gandhi, M.D.

SAM SESSION

3:10 – 3:30 Sporadic Brain AVMs: A Genetic Disease?
Emanuele Orru, M.D.

3:30 – 3:50 Spinal Vascular Malformations: Genetic, Anatomic and Therapeutic Considerations
Dheeraj Gandhi, M.D.

3:50 – 4:10 Hereditary Hemorrhagic Telangiectasia: Current Concepts
Jesse Klostranec, M.D., Ph.D., FRCPC

4:10 – 4:30 Developmental Venous Anomalies
Waleed Brinjikji, M.D.

4:30 End of Session

4:30 – 5:30 Scientific Paper Session #1 ♦

6:30 – 8:00 Welcome Reception

Friday, August 28, 2020

7:00 – 8:00 AM Continental Breakfast for Registrants and Visit Technical Exhibits

CEREBRAL NEOPLASMS AND MOLECULAR/GENETIC SUBTYPING

Moderator: Girish M. Fatterpekar, MBBS, DNB, M.D.

SAM SESSION

8:00 – 8:20 Radiogenomics in Brain Tumors
Rajan Jain, M.D.

8:20 – 8:40 Pediatric Brain Tumors: An Update
Aliveza Radmanesh, M.D.

8:40 – 9:00 Treatment Related Changes Versus Tumor Recurrence in High Grade Gliomas: Where Do We Stand?
Suyash Moban, M.D.

9:00 – 9:20 Brain Tumor Mimics
Sachin K. Gujar, MBBS, M.D.

9:20 – 9:40 Machine Learning in Neuro-Oncology
Javier Villanueva-Meyer, M.D.

9:40 – 10:00 Refreshment Break and Visit Technical Exhibits

AUTOIMMUNE DISEASES AND INFLAMMATION

Moderator: Izlem Izbudak, M.D., Tanya J. Rath, M.D.

10:00 – 10:20 Clinical and Basic Science Perspectives for Neuroradiologists
Elias Sotirchos, M.D.

10:20 – 10:40 Imaging Updates on Neuroimmunological Diseases
Izlem Izbudak, M.D.

10:40 – 11:00 Advanced Imaging of Multiple Sclerosis
Susie Y. Huang, M.D., Ph.D.

11:00 – 11:15 Roundtable Discussion and Question and Answer
Faculty

11:30 – 12:30 PM Lunch & Learn How-To-Session (OR Lunch on Own) ♦

THE AGING BRAIN INCLUDING ALZHEIMER'S AND NUCLEAR NEURORADIOLOGY

Moderators: Martin G. Pomper, M.D., Ph.D., Ana M. Franceschi, M.D.

12:45 – 1:05 PET Imaging of Neuroinflammation
Martin G. Pomper, M.D., Ph.D.

1:05 – 1:20 Molecular Imaging of Neurodegenerative Disease
Lilja Solnes, M.D., MBA

1:20 – 1:40 Molecular Imaging of Brain Infection
Dima A. Hammoud, M.D.

1:40 – 1:55 Novel Imaging Biomarkers in Dementia Therapeutics
Ana M. Franceschi, M.D.

1:55 – 2:15 Refreshment Break and Visit Technical Exhibits

BECOMING A NEURORADIOLOGIST: PERSPECTIVES, EXPERIENCES, AND EXPECTATIONS

Moderators: Carlos Zamora, M.D., Ph.D., Claudia F. E. Kirsch, M.D.

2:15 – 2:35 How Neuroradiology Practice and Neuroradiology Education have Evolved over the Last 30 Years: Historical Perspective
James C. Anderson, M.D.

2:35 – 2:55 My First 5 Years in an Academic Career: Observations
Carlos Zamora, M.D., Ph.D.

2:55 – 3:15 Women In Neuroradiology: Perspectives From a Division Chief and ASNR Past President
Laurie A. Loevner, M.D.

3:15 – 3:35 How to Build a Research Portfolio in Academic Neuroradiology
Mai-Lan Ho, M.D.

3:35 – 3:55 Climbing the Administrative Ladder: Is It Possible for a Young Neuroradiologist?
Melissa A. Davis, M.D., MBA

3:55 – 4:05 Question and Answer Session
Carlos Zamora, M.D., Ph.D., Claudia F. E. Kirsch, M.D., Laurie A. Loevner, M.D., Mai-Lan Ho, M.D., Melissa A. Davis, M.D., MBA

4:05 End of Session

4:05 – 5:05 Scientific Paper Session #2 ♦

5:05 – 5:35 Current State of Affairs of the ASNR ♦
Joshua A. Hirsch, MD, FACR, FSIR, FSNIS

5:35 – 6:00 ENRS Annual Business Meeting (ENRS Members Only) ♦

6:00 – 6:05 Presentation of ENRS 2021 Meeting ♦
Tanya J. Rath, M.D.

Saturday, August 29, 2020

7:00 – 8:00 AM **Continental Breakfast for Registrants and Visit Technical Exhibits**

7:30 – 8:00 Scientific Paper Session #3 ♦

STROKE IMAGING: SYSTEM OPERATIONS, RESOURCES AND WORKFLOW

Moderators: Pina C. Sanelli, M.D., MPH, FACR, Pamela W. Schaefer, M.D.

8:00 – 8:20 Stroke Update: Review AHA Guidelines
Pina C. Sanelli, M.D., MPH, FACR

8:20 – 8:40 Stroke Imaging Operations and Workflow: Emerging AI Applications
Eyal Lotan, M.D., Ph.D.

IMAGING BASED PATIENT SELECTION FOR TREATMENT DECISIONS

8:40 – 8:50 Imaging and Treatment Paradigms in Posterior Circulation Strokes
Clifford J. Eskey, M.D., Ph.D.

8:50 – 9:00 Imaging Collaterals and It's Clinical Implications for Treatment and Outcomes
Scott B. Raymond, M.D., Ph.D.

9:00 – 9:10 Imaging and Treatment Paradigms in Unwitnessed and Wake-Up Strokes
Ona Wu, Ph.D.

STROKE IMAGING PARADIGMS

9:10 – 9:25 CT/CTA Based Approach: Minimal Imaging
Ajay Malhotra, M.D., MMM

9:25 – 9:35 CT/CTA/CTP Based Approach: Is CT Perfusion Necessary?
Sean Symons, MPH, M.D., MBA

9:35 – 9:45 MRI Based Approach
Pamela W. Schaefer, M.D.

9:45 – 10:00 Panel Debate and Discussion: Stroke Imaging Paradigms
Ajay Malhotra, M.D. MMM, Sean Symons, MPH, M.D., MBA, Pamela W. Schaefer, M.D.

10:00 – 10:45 **Refreshment Break and Visit Technical Exhibits**

PEDIATRIC NEURORADIOLOGY

Moderators: Manohar M. Shroff, M.D., FRCPC, Aylin Tekes, M.D.

SAM SESSION

10:45 – 11:05 Pediatric Brain Tumors: WHO 2016 Update
Aashim Bhatia, M.D., M.S.

11:05 – 11:25 Pattern Approach to Pediatric Neurometabolic Disorders
Bruno P. Soares, M.D.

11:25 – 11:45 Neurointervention in Children: A Case Based Review
Prakash Muthusami, MBBS, M.D.

11:45 – 12:05 PM Pediatric Arterial Ischemic Stroke
Manohar M. Shroff, M.D., FRCPC

12:05 – 12:25 Evaluation of Preterm and Term Neonatal Brain Injury: Head Ultrasound to Brain MRI
Aylin Tekes, M.D.

12:40 – 1:45 **Lunch & Learn How-To-Session OR Lunch on Own ♦**

HYDROCEPHALUS, CSF CIRCULATION DISORDERS AND BEYOND

Moderator: Ari M. Blitz, M.D., Lawrence N. Tanenbaum, M.D., FACR

2:00 – 2:20 High Resolution 3D Skull Base MRI for Detection of CSF Leakage from the Cranium
Ari M. Blitz, M.D.

2:20 – 2:40 Spontaneous Spinal CSF Leak: Diagnostic Overview
Majid A. Khan, MBBS, M.D.

2:40 – 3:00 Percutaneous Treatment of CSF Leakage
Linda Gray-Leithe M.D.

3:00 – 3:15 **Refreshment Break and Visit Technical Exhibits**

Saturday, August 29, 2020 (Continued)

SPINE, SPINAL CORD AND BRACHIAL PLEXUS

Moderator: Adam E. Flanders, M.D., Majid A. Khan, MBBS, M.D.

3:15 – 3:35 Spinal Cord Injury: Update
Jason Talbott, M.D., Ph.D.

3:35 – 3:55 Innovations in Spine Imaging
Lawrence N. Tanenbaum, M.D., FACR

3:55 – 4:15 Practical Spine Procedures to Grow Your Practice
Wende N. Gibbs, M.D., M.A.

4:15 – 4:35 Cervical Spondylotic Myelopathy
Adam E. Flanders, M.D.

4:35 **End of Session**

6:30 – 9:00 **Closing Reception and Gala Dinner**

Sunday, August 30, 2020

7:00 – 8:00 AM **Continental Breakfast for Registrants and Visit Technical Exhibits**

7:30 – 8:00 Scientific Paper Session #3 ♦

EMERGENCY NEUROIMAGING: DON'T MISS THESE LESIONS!

Moderator: Michael H. Lev, M.D., FAHA, FACR, Elka Miller, M.D., FRCPC

SAM SESSION

8:00 – 8:20 Neck and Skull Base Emergencies
Shahmir Kamalian, M.D.

8:20 – 8:40 Pediatric Emergencies: Head
Leah Platenik Palifka, M.D., M.S.

8:40 – 9:00 How to Read a Stroke CT/CTA/CTP
Christopher A. Potter, M.D.

9:00 – 9:20 Non-Stroke "Don't Miss" Neurological Emergencies
John Conklin, M.D., MSc, FRCPC

9:20 – 9:40 EVT/IVT Stroke Transfer & Treatment Decision Making in the DAWN Era
Clifford J. Eskey, M.D., Ph.D.

9:40 – 10:00 **Refreshment Break and Visit Technical Exhibits**

ADVANCED NEUROIMAGING TECHNIQUES

Moderator: Birgit Ertl-Wagner, M.D., Ona Wu, Ph.D.

10:00 – 10:20 Vessel Wall Imaging of the Craniocervical Vessels - Does it Help?
Ferdinand K. Hui, M.D.

10:20 – 10:40 Cerebral Perfusion: How Should We Measure It and Why?
Jana Ivanidze, M.D., Ph.D.

10:40 – 11:10 Advanced Neuroimaging – Where Do We Come From and Where Are We Heading?
Walter Kucharczyk, M.D., FRCPC

11:10 – 11:30 Advances in CT Technology: There is Still a Lot of Oomph in Those Roentgen Rays
Rajiv Gupta, M.D., Ph.D.

11:30 – 12:00 PM Wish I Could Read this Case Again
Thierry A.G.M. Huisman, M.D., P.D., EDiNR, EDiPNR, FICIS, Diana P. Rodriguez, M.D., Christopher G. Filippi, M.D., Bruno P. Soares, M.D., Elka Miller, M.D., FRCPC, Claudia F. E. Kirsch, M.D.

12:00 – 12:10 **Closing Comments**

12:10 **End of Meeting**

Faculty & topics subject to change.

♦ Session not accredited for AMA PRA Category 1 Credit(s)™

ENRS Abstract Submission:

**Deadline for Abstract Submissions
May 29, 2020**

Abstracts will be accepted for oral presentation in 3 categories: (1) Scientific Oral Presentation (2) Excerpta Extraordinaire (brief presentation of interesting, educational case reports) and (3) Scientific Poster Presentation. Submissions are welcome in all major categories in Neuroradiology including disorders of the brain, spine, head and neck, pediatrics, interventional neuroradiology, fetal neuroradiology, and technical abstracts. Authors will be notified by May 29, 2020. **Authors of accepted abstracts will be required to register for the meeting and pay the meeting registration fee.**

Interested candidates should submit abstract(s) accompanied by a completed abstract submission form electronically to: Laurent Letourneau-Guillon MD, MSc at laurent.letourneau-guillon.1@umontreal.ca and Mari Hagiwara Mari.Hagiwara@nyulangone.org.

Visit <https://www.edusymp.com/esi/2020/ENRS20/CallforAbstracts2020.pdf> to access the submission form.

Invited Faculty

Laila Alshafai, MBBS, FRCPC (dNR), dABR (dNR)

Mount Sinai Hospital & University Health Network
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James C. Anderson, M.D.

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Aashim Bhatia, M.D., M.S.

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The Eastern Neuroradiological Society

ENRS20

A late fee of \$75 will be added to any registration postmarked after July 23, 2020.

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Yes, I plan to attend the
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