SNMMI ANNUAL MEETING


IN THIS ISSUE

PROVIDING SOLUTIONS
These sessions address current professional challenges.

CATEGORICAL SEMINARS
Get laser-focused on leading-edge topics of clinical, scientific, or academic interest.

NETWORKING
Take a break to see and be seen at these great events.
### Saturday, June 10
- **7:00–9:30 am** Hot Trot 5K Run/Walk
- **8:00 am–4:00 pm** Categorical Seminars
- **8:00 am–6:15 pm** Nuclear Medicine Review Course (NMRC) – Day 1
- **9:00 am–5:00 pm** Educators Forum I & II
- **9:00 am–6:00 pm** Student Technologist Registry Review (STRR) – Day 1
- **9:00 am–6:00 pm** SNMMI-TS CE Courses
- **6:00–8:00 pm** Welcome Reception: Exhibit and Poster Hall Opening
- **8:00 pm–End** User Meetings

### Sunday, June 11
- **6:00–8:00 am** User Meetings
- **8:00 am–5:30 pm** Nuclear Medicine Review Course (NMRC) – Day 2
- **8:00–9:30 am** Opening Plenary Session: Henry N. Wagner Jr., MD, Lectureship
- **9:30 am–4:30 pm** Exhibit Hall
- **10:00 am–8:30 pm** Scientific & Educational Poster Hall
- **12:15–2:00 pm** Technologist Plenary Session & Awards Recognition
- **12:30–6:15 pm** SNMMI CE Courses & Scientific Abstract Presentations
- **2:45–5:30 pm** Student Technologist Registry Review (STRR) – Day 2
- **3:00–5:00 pm** Educators Forum III
- **3:00–6:15 pm** SNMMI-TS CE Courses & Scientific Abstract Presentations
- **4:45–6:15 pm** Radiopharmaceutical Sciences Council (RPSC)/CMIIT Basic Science Summary Session
- **4:30–7:00 pm** Emerging Technologies Session (CMIIT) #1
- **6:00–7:00 pm** International Best Abstract Recognition Awards & Reception
- **6:30–8:30 pm** RPSC/CMIIT Poster Mixer
- **6:30 pm–End** User Meetings

### Monday, June 12
- **6:00–8:00 am** User Meetings
- **8:00–9:30 am** SNMMI Business Meeting and Special Plenary/Hal Anger Lectureship
- **9:00 am–6:00 pm** Scientific & Educational Poster Hall
- **9:30 am–4:30 pm** Exhibit Hall
- **10:00–11:30 am** Young Professionals Committee (YPC) Knowledge Bowl
- **10:00 am–5:45 pm** SNMMI-TS CE Courses
- **10:00 am–6:15 pm** SNMMI CE Courses & Scientific Abstract Presentations
- **2:00–3:00 pm** Young Investigators Awards (YIA) Ceremony
- **3:00–5:00 pm** Educators Forum III
- **3:00–6:15 pm** SNMMI-TS CE Courses & Scientific Abstract Presentations
- **4:45–6:15 pm** Radiopharmaceutical Sciences Council (RPSC)/CMIIT Basic Science Summary Session
- **4:30–7:00 pm** Emerging Technologies Session (CMIIT) #2
- **3:00–4:30 pm** Computer and Instrumentation Basic Science Summary Session
- **6:00 pm–End** User Meetings

### Tuesday, June 13
- **6:00–8:00 am** User Meetings
- **8:00 am–6:15 pm** CT and MRI Case Reviews – Day 1
- **8:00 am–6:15 pm** SNMMI CE Courses & Scientific Abstract Presentations
- **9:00 am–6:00 pm** Scientific & Educational Poster Hall
- **9:30 am–3:00 pm** “Meet the Author” Session II
- **6:00–End** User Meetings

### Wednesday, June 14
- **6:00–8:00 am** User Meetings
- **8:00–11:15 am** SNMMI CE Courses
- **8:00 am–11:15 am** CT and MRI Case Reviews – Day 2
- **11:30 am–1:15 pm** Henry N. Wagner, Jr., MD Highlights Symposium
- **6:00 pm–End** User Meetings
SNMMI’s Annual Meeting—By The Numbers:

• 5,600 attendees, representing more than 60 countries

• 150+ scientific and CE sessions with more than 30 credit hours available

• 1,000+ scientific posters and 850+ scientific oral presentations, featuring the leading research in the profession.

• 160+ top industry suppliers in a world-class exhibit hall

• 100+ hours of on-demand content and nearly 1,000 instantly accessible scientific and poster presentations, with the Annual Meeting’s Virtual Meeting and Virtual Poster Hall

The numbers add up to the premier educational, scientific, research, and networking event in nuclear medicine and molecular imaging—The SNMMI 2017 Annual Meeting.

Make your plans to join your colleagues in Denver!

Register today.
www.snmmi.org/AM2017
In a recent SNMMI survey, members identified significant professional challenges impacting them in the next 3-5 years. Now access solutions at the SNMMI Annual Meeting!

Register for the SNMMI 2017 Annual Meeting and attend education programs designed to address your professional challenges. Here are a few sessions that directly address what members listed as their top concerns for the future:

**Keeping Up-to-Date**
- CE07: Appropriate Use Criteria Update
- CE08: New and Emerging PET Instrumentation and Technologies
- CE25: Beyond MPI- New Tracers and Applications
- TS09: Coding and Reimbursement Updates 2017
- CE48: State of Production, Demand, and Future Availability of Mo-99

**Expanding Knowledge**
- CE06: PET Instrumentation and Data Analysis: The Essentials
- CE13: Translation of New Radiotracer Development: The Need For Speed
- CE22 and CE43: Basic Science Summary, Sessions One and Two
- CE39: Referral barriers and Solutions You Can Use
- TS34: What’s Next in Radionuclide Therapy

**Leadership and Personal Development**
- TS02: The Nuclear Medicine Leader
- C14: Robert Lull Forum: Giving Valuable Feedback
- CE49 and CE56: Management and Leadership in Nuclear Medicine and Molecular Imaging, Parts I and II
- CE21: How to Create and Use Your Network
- TS28: The Two Types of Professional Development

Whether through education, leadership development, or assisting in work/life balance, SNMMI is here to improve the professional lives of our members. Get the best rate on the 2017 Annual Meeting – Join SNMMI or renew your SNMMI membership before registering!

www.snmmi.org/member
Optimized Use of V/Q in the Modern Era:
Everything You Wanted to Know but Were Afraid to Ask

In this session, leading nuclear medicine experts provide insights on V/Q scintigraphy in pulmonary embolism diagnosis, including how it can:
- Provide comparable outcomes to computed tomography pulmonary angiography (CTPA)
- Reduce radiation overexposure, particularly in women
- Be used in a simple diagnostic algorithm to reduce overall radiation burden
- Be interpreted using a scheme comparable to CTPA

What is the goal of this session?
Alan Maurer, MD  Director, Nuclear Medicine, Temple University Hospital, Philadelphia, PA
“To review how V/Q studies should be best interpreted to avoid the confusion and lack of confidence that I would say the referring physicians have, and to improve radiologists’ confidence in how to interpret these studies.”

Isn’t CTPA more accurate than V/Q?
Leonard M. Freeman, MD  Chief, Nuclear Medicine, Montefiore Medical Center, New York, NY
“I’m going to introduce the concept of outcomes rather than accuracy. A colleague of mine analyzed 12 million New York State residents from when CTPA started in the mid-1990s. She showed that the number of hospital admissions for PE doubled, but the mortality rate was unchanged. …Many more people were being hospitalized and anticoagulated and yet there was no difference [in outcomes].”

How were the Appropriate Use Criteria developed?
Alan D. Waxman, MD  Director, Nuclear Medicine, Cedars-Sinai Medical Center, Los Angeles, CA
“[Following the CMS guidance on AUC development,] every one of its recommendations was chosen by priority, carefully scrutinized, and then voted on and given a consensus number. It is the most comprehensive, fair table on PE diagnostic V/Q imaging ever published.”

The Society of Nuclear Medicine and Molecular Imaging (SNMMI)’s Verification Of Involvement in Continuing Education (VOICE) has approved this enduring activity for 1.00 CEHs (Continuing Education Hours), for ARRT Category A credit.
SNMMI’s Annual Meeting pre-meeting categorical seminars offer a full-day focus on single topics of clinical, scientific, or academic interest, presented by leading subject matter experts. Highlights include:

**CAT1: 2015 ATA Guidelines: Update and Controversies in Radioiodine Theragnostics**
- **Controversies in Indications and Prescribed Activity of I-131 Remnant Ablation and Adjuvant Treatment**
  Markus Luster, MD
- **Controversies in Utility of Radioiodine Scans: Pre-Therapy Staging, Post-Therapy, Surveillance/Baseline and SPECT-CT Scans**
  Jolanta Margaret Durski, MD
- **Controversies in Patient Preparation for Scanning and Therapy (e.g. THW vs rhTSH, Low Iodine Diet, Desired Urine Iodine Levels, Method of Urine Iodine Testing)**
  Edward B. Silberstein, MD
- **I-131 Treatment of Distant Metastases**
  Kanchan Kulkarni, MD
- **Panel Discussion on Additional Controversies of Prescribed Activities, Scanning, and Preparation**
  Douglas Van Nostrand, MD; Markus Luster, MD; Edward B. Silberstein, MD; Kanchan Kulkarni, MD
- **Side Effects of I-131: Preventive Measures and Management When Side Effects Occur**
  Mark Tulchinsky, MD
- **Management of Patients with Positive Thyroglobulin and Negative Diagnostic Radioiodine Scan**
  Douglas Van Nostrand, MD
- **Controversies in Classification and Management of Radioiodine Refractory Patients**
  Douglas Van Nostrand, MD
- **Panel Discussion on Additional Controversies of Sialagogues, Secondary Primary Neoplasms and Tg+/DxScan - Patients**
  Mark Tulchinsky, MD; Douglas Van Nostrand, MD

**CAT2: Advances in CV Multimodality and Molecular Imaging**
- **Detection of Device Infection and Endocarditis**
  Vasken Dilsizian, MD
- **Nuclear Imaging of Aortic Stenosis**
  Mehran M. Sadeghi, MD
- **Targeting the Vulnerable Plaque with Multimodality Techniques**
  Albert J. Sinusas, MD, FACC, FAHA
- **Multimodality Approach to the Detection and Management of Infiltrative Cardiomyopathy**
  Sharmila Dorbala, MD
- **Imaging Electrically Vulnerable Myocardium**
  Mark I. Travin, MD
- **Assessment of Left Ventricular Dyssynchrony**
  Prem Soman, MD, PhD
- **Molecular Imaging Approaches in Heart Failure – Are We Any Closer to the Clinic?**
  Frank M. Bengel, MD
- **PET/MR – White Horse or White Elephant?**
  Markus Schwaiger, MD
- **Advances in Cardiac SPECT MPI – Increasing Speed and Decreasing Dose**
  Terrence D. Ruddy, MD
- **Advances in PET Instrumentation, Radiotracers and Delivery Systems**
  Robert DeKemp, PhD
- **Quantification of Cardiac Blood Flow by Nuclear, CMR, and CT – Who is Ready for Primetime?**
  Thomas Hellmut Schindler, MD
- **Primer on MACRA and its Implications**
  Cathie Biga
- **Q&A**
  Robert J. Gropler, MD

**CAT3: Best Chemistry Practices to Support the Development of PET Drugs**
- **Introduction and Overview of FDA Regulations and Guidance Documents related to PET Drug Chemistry**
  Steve Zigler, PhD
- **F-18 and C-11 Chemistry Challenges**
  Peter Scott, PhD
- **Special Considerations for Tracers based on Proteins or Protein Fragments**
  Serge Iyaschenko, PharmD
- **Field Notes #1 - Challenges Behind the Scenes of Clinical PET Tracer Production**
  Mark Jacobson, MD
- **Stability Studies to Support PET Drug Applications**
  Danny Bingham, MS
- **Common Deficiencies with Chemistry-Related Topics in PET Drug Applications**
  Ravi Kasiwal, PhD
- **Role of USP Monographs and General Chapters**
  Steve Zigler, PhD
- **Characterization of Active Ingredients, By-Products, Impurities, and Standards**
  Jeanne Link, PhD
- **Field Notes #2 - Validation of a Quality Control Method For a Clinical PET Tracer**
  Amy Vavere, PhD
- **System Suitability for Analytical Methods**
  Michael Haka, PhD
- **Transfer of Technology to Multiple Facilities - Pitfalls and Best Practices**
  Tyler Benedum, PhD
SNMMI's Annual Meeting pre-meeting categorical seminars offer a full-day focus on single topics of clinical, scientific, or academic interest, presented by leading subject matter experts. Highlights include:

**CAT3: Best Chemistry Practices to Support the Development of PET Drugs (continued)**
- **Field Notes #3 - Experience from Inspections (212 & 823)**
  David Dick, PhD
- **Future Directions, Moderated Discussion**
  Amy Vavere, PhD; Steve Zigler, PhD

**CAT4: Molecular Imaging in Neuropsychiatric Disorders and Neurodegenerative Diseases**
- **DAT and SERT Imaging in Parkinsonism and Dementias**
  Jan Booij, MD
- **Molecular Imaging in Neuropsychiatry**
  Christer Halldin, PhD
- **Imaging the Endocannabinoid Pathway with PET**
  Dean F. Wong, MD, PhD
- **Imaging of Neuroinflammation**
  Robert B. Innis, MD, PhD
- **Imaging of the Cholinergic System**
  Osama Sabri, MD, PhD
- **Quantitative Imaging in Neuropsychiatric Disorders**
  Richard E. Carson, PhD
- **PET Pharmacokinetic Modeling of Amyloid and Tau Imaging Agents**
  Julie C. Price, PhD
- **Role of PET in Drug Discovery for Neurological Diseases**
  Richard Hargreaves, PhD
- **PET Imaging of Tauopathies with Cutting-Edge Radiopharmaceuticals**
  Victor Villemagne, MD
- **Imaging Amyloid Plaque and Tau Protein in Dementias**
  Alexander E. Drzezga, MD
- **Bench to Bedside Discovery of NeuroPET Tracers: Focus on Tau Imaging**
  Eric Hostetter, PhD
- **PET Imaging of Non-Alzheimer’s Disease Tauopathies**
  Gil Rabinovici, MD

**CAT5: PET/MRI: A Focus on Oncology**
- **Changes in PET/MRI Practices Over the Past Three Years**
  Wolfgang P. Fendler, MD
- **MR Pulse Sequences for Nuclear Medicine Physicians**
  Alan B. McMillan, PhD
- **Neuro-Oncology: Multimodal Imaging**
  Elizabeth Gerstner, MD
- **Neuro-Oncologic Imaging: Impact on Improving Personalized Treatment Strategy**
  Soonmee Cha, MD
- **Head and Neck PET/MRI**
  Greg Avey, MD
- **Gynecologic PET/MRI**
  Kathryn Fowler, MD
- **Lung Cancer PET/MRI**
  Geoffrey B. Johnson, MD, PhD
- **Prostate Cancer: PET/MRI for Detection**
  Baris Turkbey, MD
- **Prostate Cancer: Tumor Aggressiveness and Biology**
  Markus Hartenbach
- **PET/MRI for Lymphoma**
  Marius Mayerhoefer, MD, PhD
- **Why PET/MRI for Oncology: PRO**
  Ambros J. Beer, MD
- **Why PET/MRI for Oncology: CON**
  Johannes Czernin, MD

**CAT6: Quality in Nuclear Medicine: Navigating the Transition from Volume to Value**
- **Introduction**
  Phillip J. Koo, MD
- **MACRA and MIPS Update**
  Sukhjeet Ahuja, MD
- **Preparing Your Practice for MACRA and MIPS**
  Beth Kujawski
- **Quality/Value Resources at the SNMMI**
  Bennett Greenspan, MD
- **The Value of Board Certification and MOC**
  George Segall, MD
- **The Role of Registries in Nuclear Medicine**
  Kevin Donohoe, MD
- **The Role of Research and Innovation in Quality**
  John Sunderland, PhD
- **Dose in Nuclear Medicine**
  Frederic Fahey, ScD
- **Unique Challenges in Various Practice Settings**
  Andru Bageac, MD
- **Implementing a Quality Assurance Program in Nuclear Medicine: Peer Review, PQI, and Lean**
  Richard Brown, MD
- **Team Based Nuclear Medicine: Best Practices**
  Nancy M. Swanston; Osama Mawlawi, PhD; Homer Macapinlac, MD
SNMMI’s Annual Meeting pre-meeting categorical seminars offer a full-day focus on single topics of clinical, scientific, or academic interest, presented by leading subject matter experts. Highlights include:

**CAT7: Radiation Dose Optimization in Pediatric Nuclear Medicine**
- Assessing and Communicating Radiation Risk in Children
  Frederic H. Fahey, DSc
- Radiation Dose Estimation Using ICRP Methodology
  Mark F. Smith, PhD
- Applying Size-Specific Models to Estimating Medical Radiation Dose in Children
  Michael G. Stabin, PhD
- Improving Biokinetic Models for Pediatric Dosimetry
  George Sgouros, PhD
- Organ-Based Dosimetry for Estimating Radiation Dose in Children
  Wesley E. Bolch, PhD
- Radiation Dose in Pediatric Radiotherapy
  Michael Lassmann, PhD
- Radiation Dose Estimation for CT and Hybrid Imaging in Children
  Adam Alessio, PhD
- Using New Detectors to Decrease Radiation Dose
  Mark F. Smith, PhD
- New Approaches for Image Reconstruction and Processing to Optimize Radiation Dose
  Eric C. Frey, PhD
- Decreasing PET Radiation Dose Using Currently Available Technology
  Georges N. El Fakhri, PhD
- EANM Approach to Guidelines for Radiopharmaceutical Administered Activities
  Michael Lassmann, PhD
- North American Radiopharmaceutical Guidelines
  S. Ted Treves, MD
- Implementation of Radiopharmaceutical Guidelines
  Frederic H. Fahey, DSc

**CAT8: Riding the Moonshot: Establishing the Role of Molecular Imaging in Immunotherapy**
- Introduction
- Past, Present, and Future of Cancer Immunotherapy
  TBD
- New Trends in Immunotherapy: CAR T Therapy, Vaccines, and Beyond
  Courtney Beers, PhD
- Immunotherapy: Current Trends and Challenges (Industry Perspective)
  Panel
- Imaging Response to Immunotherapy and Tools for Patient Satisfaction
  Tony Shields, MD, PhD
- Exploiting the Power of Molecular Imaging to Further Advance Immunotherapy Drug Development and Clinical Implementation
  Annick Van den Abbeele, MD, FACP
- The Need for New Molecular Imaging Tools for Immunotherapy?
  Anna Wu, PhD
- Beyond the Tumor: The Role of the Lymphatics
  Eva Sevick, PhD
- Stronger Together Part 1: The Role of Biopharma and Academic Collaborations in Drug Development
  TBD
- Stronger Together Part 2: The Future of Biopharma and Academic Collaborations in Translational Molecular Imaging
  Ronald Blasberg, MD

**CAT9: SPECT/CT: Clinical Applications and Quantification**
- Welcome - Instrumentation for SPECT/CT
  James R. Galt, PhD
- SPECT/CT for Endocrinology
  Andrei Horia Iagaru, MD, FACNM
- SPECT/CT for Assessment of Lung Diseases
  Paul J. Roach, MBBS, FRACP
- SPECT/CT Reconstruction, Corrections, Artifacts
  Chi Liu, PhD
- SPECT/CT for Imaging of Infection
  Zohar Keidar, MD, PhD
- SPECT/CT for Sentinel Node Imaging
  Gopinath Gnanasegaran, MD, FRCP
- CT Image Dose and Quality
  Maria Burniston
- Bone SPECT/CT for Assessment of Hands and Feet
  Malavika Nathan, MD
- Bone SPECT/CT for Assessment of Orthopedic Prostheses
  Tim Van Den Wyngaert, MD, PhD
- Quantification for SPECT/CT
  S. Cheenu Kappadath, PhD
- Clinical Uses of SPECT/CT Quantitation
  Ephraim E. Parent, MD, PhD
- Summary and Wrap-up
  Ora Israel, MD

*For more information on Pre-Meeting Categorical Seminars, visit: [WWW.SNMMI.ORG/AMCATS](http://WWW.SNMMI.ORG/AMCATS)*
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CT
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SCIENTIST-FOCUSED SESSIONS

**CE13**: Translation of New Radiotracer Development: The Need for Speed  
*Sponsored by: Cardiovascular Council, Center for Molecular Imaging Innovation and Translation*
  
*Target Identification*  
Robert Henry Mach, PhD
  
*Pre-Clinical Evaluation*  
H. Charles Manning, PhD
  
*Steps for First in-Man Evaluation*  
Robert J. Gropler, MD

**CE27**: Data Driven Motion Correction  
*Sponsored by: Computer and Instrumentation Council*
  
*Introduction to Data Driven Motion Correction in PET*  
Adam Kesner, PhD
  
*Recent Advances and Future Perspectives of Data Driven Motion Correction in PET*  
Florian Büther
  
*Data Driven Motion Correction Applications in SPECT*  
Doumit Michel Daou, MD, PhD

**CE31**: Advances in Tau Imaging  
*Sponsored by: Brain Imaging Council*
  
*AV1451 in AD and Non-AD tauopathies*  
Gil Rabinovici, MD
  
*Tau Imaging with THK5351*  
Nobuyuki Okamura, MD, PhD
  
*Cross Sectional and Longitudinal Findings with GPT1*  
Sandra Sanabria, PhD
  
*Initial Experience with MK6240*  
Cyrille Sur, PhD

**CE52**: Lung Scanning - Tomographic Imaging (V/Q SPECT, SPECT/CT, CTPA & PET) including Radiation Dosimetry and Non-PE Applications  
*Sponsored by: Australian and New Zealand Society of Nuclear Medicine and General Clinical Nuclear Medicine Council*
  
*V/Q SPECT and SPECT/CT – An Overview*  
Jann Mortensen, MD, DMSc
  
*Pearls and Pitfalls: Interpreting V/Q SPECT and Radiation Dosimetry Issues (V/Q SPECT vs CTPA)*  
Geoff Schembri, MD
  
*Non PE Applications of V/Q SPECT (and SPECT/CT) and New Areas (Particularly V/Q PET)*  
Dale L. Bailey, PhD

**CE55**: Production of Beta and Alpha-Emitting Isotopes for Therapy  
*Sponsored by: Radiopharmaceutical Sciences Council*
  
*Production of Ac-225, a Tri-Laboratory Program*  
Kevin John
  
*Production of Alpha-Emitting Isotopes for Therapy*  
Marc Garland, PhD
  
*Photonuclear Production of Theranostic Isotopes: Scandium-47 and Copper-67*  
David Rotsch, PhD

**CE63**: How to Lead a Research and Clinical Molecular Imaging Program  
*Sponsored by: Center for Molecular Imaging Innovation and Translation*
  
*Establishing a Translational Basic Science Program*  
Jason S. Lewis, PhD
  
*Molecular Imaging Program for Clinical Research*  
Peter Herscovitch, MD, FACP, FRCP, FSNMMI
  
*Development of Clinician Scientists in Molecular Imaging and Radiopharmaceutical Therapy*  
Daniel Pryma, MD

**CE66**: Standardization of Amyloid PET Biomarker Imaging  
*Sponsored by: Japanese Society of Nuclear Medicine, Brain Imaging Council and Clinical Trials Network*
  
*Phantom Criteria for Standardization of Brain Amyloid PET Imaging and JSNM’s Imaging Site Qualification Program*  
Yuichi Kimura, PhD
  
*Standardization of Visual Amyloid PET Image Analysis*  
Alexander E. Drzezga, MD
  
*Qualification of Physicians by JSNM for Interpretation of Brain Amyloid PET Images*  
Toshimitsu Momose, MD
  
*Standardization of Semi-Quantitative Amyloid PET Image Analysis – The Centiloid Scale*  
Christopher C. Rowe, MD, FRACP

**CE94**: Teaching Old Radiopharmaceuticals New Tricks  
*Sponsored by: Clinical Trials Network*
  
*F-DOPA in Congenital Hyperinsulinism*  
Lisa J. States, MD
  
*Fluciclovine: Its Use in Breast Cancer*  
Gary Ulaner, MD, PhD
  
*FDG for Infection*  
Christopher J. Palestro, MD
  
*SPECT Imaging with Sulfur Colloid and Pyrophosphate*  
Michael M. Graham, PhD, MD, FSNMMI
PHYSICIAN-FOCUSED SESSIONS

CE01: Nuclear Medicine in Infection: The Guidelines Point of View
Sponsored by: Italian Association of Nuclear Medicine and Molecular Imaging, European Association of Nuclear Medicine
Available Guidelines on WBC, mAb and FDG Use in Infection
Alberto Signore, MD
Available Guidelines on Musculoskeletal Infections
Elena Lazzeri, MD, PhD
Available Guidelines on Soft Tissue Infections
Paola A. Erba, MD, PhD

CE16: Total Metabolic Tumor Volume (TMTV): A New Functional Parameter in Lymphoma
Sponsored by: Italian Association of Nuclear Medicine and Molecular Imaging
Clinical Aspects: The Tumor Burden Surrogates
Stefano Luminari, MD
Methodological Aspects
Salim Kanoun
How Can We Use TMTV in Lymphoma?
Annibale Versari, MD

CE25: Beyond MPI - New Tracers and Applications
Sponsored by: Cardiovascular Council, Center for Molecular Imaging Innovation and Translation
Myocardial Neuronal Imaging
Frank M. Bengel, MD
Detecting Infiltrative Cardiomyopathies
Sharmila Dorbala, MD
Inflammation and Oxidative Stress
Albert J. Sinusas, MD, FACC, FAHA
Myocardial Remodeling
Vasken Dilsizian, MD

CE30: Integrating Newly Approved Radiopharmaceuticals into Your Clinic
Sponsored by: Clinical Trials Network, PET Center of Excellence
Ga-68 DOTATATE - Is Your Clinic Ready?
Ryan Niederkohr, MD
Are You Ready to Mingle with F-18 Fluorocitrate?
Michael S. Kipper, MD
Coding and Reimbursement: How to Get Paid for These Studies
Ruth Tesar, CNMT

CE04: How to Establish a Cardiac PET Program
Sponsored by: Cardiovascular Council
Is it Right for my Practice and Start-up Considerations
Howard Lewin, MD, FACC, FASNC
How to Develop a Cardiac PET Workflow
April Mann, MBA, CNMT, NCT, RT(N), FSNMMI-TS
Image Interpretation and Reporting
Rob Beanlands, MD

CE35: Nuclear Medicine Knowledge Bowl
Sponsored by: Young Professionals Committee (YPC), Nuclear Medicine Residents Organization (NMRO)
Erin Grady, MD, CCD, FACNM; Shana Elman, MD

CE39: Referral Barriers and Solutions You Can Use
Sponsored by: Outreach Committee
Getting Ahead of Reimbursement Changes
Gary L. Dillehay, MD, FACNM, FCR, FSNMMI
Ears to the Ground: What Our Members Are Saying
Mehdi Djekidel, MD
Community-Based Practice
Thomas F. Heston, MD
Panel Discussion
Giuseppe Esposito, MD; Mehdi Djekidel, MD; Gary L. Dillehay, MD, FACNM, FCR, FSNMMI; Thomas F. Heston, MD

CE91: Alternative Payment Models and Value-Based Health Care: Nuts and Bolts
Sponsored by: Cardiovascular Council
MACRA, MIPS, APMs - Definitions
Cathy Biga
AUC and PLE - The Role of SNMMI
William A. Van Decker, MD
How to Prepare your Practice
Timothy Bateman, MD
SESSION HIGHLIGHTS

TECHNOLOGIST-FOCUSED SESSIONS

TS10: Assuring Quality in Nuclear Cardiology Procedures
Sponsored by: SNMMI-TS

Technical Quality in Nuclear Cardiology
April Mann, MBA, CNMT, NCT, RT(N), FSNMMI-TS

Nuclear Cardiology Lab Accreditation
Maria Costello, BS, CNMT, NCT

TS11: Applied Pharmacology
Sponsored by: SNMMI-TS

General Nuclear Medicine Adjunct Medications
Geoffrey M. Currie, PhD, BPharm, MMRS, CNMT

Nuclear Cardiology Adjunct Medications
Geoffrey M. Currie, PhD, BPharm, MMRS, CNMT

Contrast in CT and MRI
Geoffrey M. Currie, PhD, BPharm, MMRS, CNMT

CE32: Patient Centered Imaging
Sponsored by: Outreach Committee

Introduction
Henry F. VanBrooklin, PhD

Decrypting Nuclear Medicine Information for Patients
Joshua Mailman, MBA

On the Front Lines: Technologists as Patient Educators
Lyndsi M. Hay, CNMT, RT(N)

The Changing Role of the Nuclear Medicine Physician
Phillip Koo, MD

Panel Discussion
Joshua Mailman, MBA; Lyndsi M. Hay, CNMT, RT(N); Phillip Koo, MD

TS20: Neurology Part I
Sponsored by: SNMMI-TS

Imaging Brain Tumors with PET CT and SPECT
Neeta Pandit-Taskar, MD

PET/CT and PET/MR in Differentiating Recurrent Brain Tumors from Radiation Necrosis
Amir H. Khandani, MD

Sponsored by: SNMMI-TS

Current 99m-Tc Supply Chain Issues and the Effect that LEU Conversion has had on the Supply
Roy W. Brown, BS, MBA

The Importance of Advocacy to the Nuclear Medicine Professional
Lynne T. Roy, MBA, CNMT, FSNMMI-TS

TS31: PET Imaging
Sponsored by: SNMMI-TS

PET-CT vs PET-MR: Clinically Speaking
Akash Sharma, MD, MBA

PET/CT Beyond Simple Diagnosis
Akiva Mintz, MD, PhD, MHA

PET in General Nuclear Medicine
Amir H. Khandani, MD

TS38: Neurology Part II
Sponsored by: SNMMI-TS

Molecular PET as a Translational Tool
Anissa Abi-Dargham, MD

Regulatory Issues Surrounding Alzheimer Imaging
Mark R. Soffing, PharmD, MBA, BCNP

Add sessions to your schedule by searching by the four-digit session number (TS##).
**EVENTS AND NETWORKING**

**Hot Trot 5K™ Run/Walk – Saturday, June 10**
Exercise your body before you exercise your brain. Sign up for the 3rd Annual “Hot Trot 5K” run/walk. Proceeds will benefit the advancement of nuclear medicine and molecular imaging technologists through professional development that promotes clinical excellence and optimal patient outcomes. Proceeds will support the SNMMI-TS Professional Development and Education Fund (PDEF), and Freedom Service Dogs, a local Denver charity enhancing the lives of people with disabilities by rescuing dogs and custom training them for individual client needs.

**Exhibit/Poster Hall Opening & Welcome Reception – Saturday, June 10**
The official Exhibit/Poster Hall Opening & Welcome Reception gives you the opportunity to connect with more than 160 exhibiting companies, and get a first look at scientific posters in the Poster Hall. Enjoy hors d’oeuvres and refreshments while you network with your colleagues, meet new friends, gain new knowledge, and listen to live musical entertainment in the SNMMI Booth. Please stop by and thank exhibiting companies for their generous support of the SNMMI 2017 Annual Meeting.

**SNMMI First Timer’s/New Member’s Orientation – Sunday, June 11**
If you are a physician, pharmacist, laboratory professional, resident, or scientist attending your first Annual Meeting, join us at SNMMI’s First Timer’s Orientation. Meet new friends and colleagues and learn how to best navigate the meeting to get the most out of your experience.

**SNMMI-TS First Timer’s Breakfast – Sunday, June 11**
*Invitation Only*
This invitation only orientation for first time technologist attendees is an excellent opportunity for technologists and students to meet the SNMMI-TS Leadership, and learn how to successfully navigate the Annual Meeting. This informal and brief presentation will preview the education and social programs to help make the Annual Meeting work for you.

**RPSC/CMIIT Poster Hall Mixer – Sunday, June 11**
The Radiopharmaceutical Sciences Council (RPSC) and the Center for Molecular Imaging Innovation and Translation (CMIIT) host the popular Poster Mixer. It’s your opportunity to view hundreds of scientific posters, enjoy refreshments, and visit with professional colleagues. This evening’s poster session mixer offers light food and beverages in a social atmosphere to encourage a lively scientific exchange for poster authors and attendees.

**International Best Abstract Recognition Awards & Reception – Sunday, June 11**
*Invitation Only*
More than 60 countries are represented each year among the scientific abstracts featured during the annual meeting. This reception recognizes the best scientific abstract from each submitting country, celebrating the extraordinary work that is being done around the globe to further the effectiveness of nuclear medicine and molecular imaging and ultimately to contribute to better diagnosis and treatment for patients.

**ACNM NMRO Networking Luncheon – Monday, June 12**
*Must be a current resident to attend.*
As a resident, we know how difficult it is to find time to network and meet with other colleagues while attending the meeting. The ACNM Nuclear Medicine Resident’s Organization (NMRO) can help! The NMRO will be providing a free box lunch for all attendees. Key leaders, as well as the NMRO Board members, will be in attendance.

**Poster Awards – Tuesday, June 13**
At the start of the Tuesday “Meet the Author” poster session, poster finalists (1st, 2nd, and 3rd place winners) for scientific tracks, as well as educational exhibits, will be recognized for their work. Certificates will be presented to each finalist by the Chair of the Scientific Program Committee, and each winning poster will be identified by a prize ribbon affixed to the poster board.
EXPLORE DENVER, COLORADO!

Must-See & Do Denver
Explore The Mile High City during meeting and conference breaks with VISIT DENVER’s suggestions for must-see attractions and neighborhoods. Have an extra day or two in your schedule? Discover great places to visit only an hour away or spend a day taking in the vistas at Rocky Mountain National Park in Estes Park.

Mile High Culture Pass
For attendees with a bit of free time between meetings or a few extra days in Denver, a Mile High Culture Pass ($25/three days or $52.80/five days) is an incredible deal. Get admission to three art museums, the Denver Botanic Gardens, Denver Zoo and Denver Museum of Nature & Science, plus discounts on other attractions.

Denver Airport Rail
The new A Line from Denver International Airport to Denver Union Station in the heart of downtown costs only $9 for a one-way trip, makes six stops along the way and takes only 37 minutes. Find out more about the schedule, stops and where to buy a ticket.

Come Early/Stay Late
For those who can add a few days to their business trip, arrive early or stay late to explore one of the nation’s most beautiful states. Not only is Denver rich in history and experiences, the Rocky Mountains are a spectacular playground nearby. VISIT DENVER teams up with top resorts to offer deals, discounts and packages for Denver visitors.

For more information, visit www.snmmi.org/DENVER
Providing leaders in the profession with direct access to more than 160 of the top industry suppliers – that’s the mission of the SNMMI Annual Meeting Exhibit Hall. Explore the latest technologies, witness ground-breaking new products and services, and connect with the companies that make it happen.

Absolute Imaging Solutions
ABT Molecular Imaging, Inc.
ABX advanced biochemical compounds
ABX-CRO advanced pharmaceutical services
Actinium Pharmaceuticals Inc.
Advanced Accelerator Applications
Advanced Cyclotron Systems, Inc.
Advanced Mobility by Kentucky Trailer
AirNet II LLC
Alzheimer’s Association
American Board of Nuclear Medicine (ABNM)
American College of Nuclear Medicine (ACNM)
American College of Radiology (ACR)
AnazaoHealth Corporation
ANMI SA
Apex Medical Solutions Inc.
ARRT, The American Registry of Radiologic Technologists
Association of Imaging Producers & Equipment Suppliers (AIPES)
Astellas Pharma, Inc.
Australia and New Zealand Society of Nuclear Medicine (ANZSNM)
Bayer
BC Technical, Inc.
Becquerel & Sievert Co., Ltd
Berthold Technologies USA LLC
Best Cyclotron Systems, Inc.
Biodex Medical Systems, Inc.
Blue Earth Diagnostics, Inc.
Board of Pharmacy Specialties (BPS)
Bracco Diagnostics, Inc.
Bruker BioSpin
Cambridge Isotope Laboratories Inc.
Canadian Association of Nuclear Medicine (CANM)
Capintec
Cardinal Health
Cardiovascular Imaging Technologies
Certsus International, Inc.
CheMatech
Chinese Society of Nuclear Medicine
CMR (Center of Molecular Research) Ltd.
CMR Naviscan Corporation
Comerger Group
Crystal Photonics GmbH
Cubresa, Inc.
Cyclomedica Australia PTY Limited
Cyclomedical International, Inc.
Data Spectrum Corporation
Digirad Corporation
DOSIsoft
DOTmed.com
ee² Software Solutions
Ekert & Ziegler Eurotope GmbH
Ekert & Ziegler Isotope
Elysia-Raytest
European Association of Nuclear Medicine (EANM)
GE Healthcare
H.C. Starck Inc.
Hake Medical Technology (Beijing) Co. Ltd.
Hawaiian Moon
HealthEx Corp.
HERMES Medical Solutions, Inc.
Hidex Oy
Huayi Isotopes Company
IBA
Inter Medical Medizintechnik GmbH
Intersocietal Accreditation Commission (IAC)
IntraMedical Imaging LLC.
INVIA Medical Imaging Solutions
inviCRO
Ionetix Corporation
IQ Medical Services
IRE Elit
ISOFLEX USA
isosoLutions Marketing & Management Inc.
ISO-TEX Diagnostics, Inc.
IsoTherapeutics Group, LLC
iThera Medical
ITM Isotopen Technologien München AG
Japanese Society of Nuclear Medicine
Jubilant DraxImage, Inc.
LabLogic Systems Limited
Lantheus Medical Imaging, Inc.
Lilly
Macrocytics
Mallinckrodt Pharmaceuticals
Marquis Medical
MarShield
MedImage, Inc.
Mediso Medical Imaging Systems Ltd.
MiE Medical Imaging Electronics
MILabs
MIM Software Inc.
Mirada Medical
MOLECUBES NV
MR Solutions Ltd.
NorCal CarciNET Community
NorthStar Medical Radioisotopes, LLC
Nuclear Medicine Technology Certification Board (NMTCB)
NUCMEDCOR
Nuca Inc.
Oncovision
ORA (Optimized Radiochemical Applications)
PerkinElmer Inc.
PETNET Solutions Inc.
Pharmalucence
Philips
Pinestar Technology, Inc.
Piramal Imaging
PMOD Technologies LLC
Prescient Imaging LLC.
Progenics Pharmaceuticals, Inc.
Radiation Shielding Inc.
RadioMedix
Rotem Industries
Sanofi Genzyme
Scintomics GmbH
SEDECAL Molecular Imaging
Segami Corporation
Siemens Healthineers
Sirtex Medical, Inc.
SNMMI
SNMMI Development Booth
Sofie Biosciences, Inc.
Southern Scientific
Spectrum Dynamics Medical, Inc.
Spectrum Pharmaceuticals, Inc.
Springer
Sumitomo Heavy Industries, Ltd.
SynterMed, Inc.
Synthra GmbH
Taiyo Nippon Sanso Corp
Tema Sinergie S.P.A.
The Education and Research Foundation for Nuclear Medicine and Molecular Imaging (ERF)
Thinking Systems Corporation
ThyCa: Thyroid Cancer Survivors’ Association, Inc.
Toshiba Medical Systems
TransLite, LLC
Trasis SA
Triad Isotopes, Inc.
Tru-Motion Products
UltraSPECT Inc.
Universal Medical Resources, Inc.
UPPI, LLC
US DOE Isotopes
Von Gahlen International, Inc.
Waters Corporation
Wolfmet
Wolters Kluwer
WomenHeart
World Federation of Nuclear Medicine and Biology (WFNMB)
World Molecular Imaging Society (WMIS)
Zevacor
Zevacor Pharma, Inc.

as of March 1, 2017
1. Tell us about what you do in your official role for the SNMMI Annual Meeting.

I am the chair of the Scientific Program Committee and Vice President-Elect of the SNMMI.

2. In addition to great educational sessions, what should attendees be ready to experience in 2017?

• Scientific sessions, the best of its kind in the field of molecular imaging
• Presentations of new molecular imaging tracers and therapeutics
• Significant international attendance and Germany as the 2017 Highlight Country
• Exhibit Halls: a one-stop showcase for cutting-edge molecular imaging devices, products, and services
• Wonderful networking opportunities

3. Denver, Colorado. In your opinion, what makes this city a great destination for this year’s meeting?

An ever-expanding downtown with many restaurants, bars, and amenities, surrounded by beautiful mountains.

4. How long have you been attending the Annual Meeting? What keeps you coming back?

Since 1987! It’s simply the best meeting in the field of nuclear medicine and molecular imaging.

5. The Annual Meeting is a great networking opportunity. To help 1st time attendees, what are some ways you connect with your colleagues at the meeting?

Although the meeting has a significant size, you can easily meet your colleagues from different institutions and different countries at the convention center. And of course, after hours.
<table>
<thead>
<tr>
<th>Hotels</th>
<th>Blocks from CCC</th>
<th>Walking Time (In Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Crowne Plaza Denver Downtown</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>2 The Curtis - a DoubleTree Hotel by Hilton</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>3 Denver Marriott City Center</td>
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<td>7</td>
</tr>
<tr>
<td>4 Embassy Suites by Hilton Denver Downtown Convention Center</td>
<td>50 Steps</td>
<td>1</td>
</tr>
<tr>
<td>5 Grand Hyatt Denver</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>6 Hampton Inn &amp; Suites Denver/Downtown - Convention Center</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>7 Homewood Suites Denver/Downtown - Convention Center</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>8 Hyatt House Denver/Downtown</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>9 Hyatt Place Denver/Downtown</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>10 Hyatt Regency Denver at Colorado Convention Center (HQ Hotel)</td>
<td>50 Steps</td>
<td>1</td>
</tr>
<tr>
<td>11 Sheraton Denver Downtown Hotel</td>
<td>4</td>
<td>7</td>
</tr>
</tbody>
</table>
SNMMI’S
VIRTUAL OFFERINGS
are the Perfect Compliments to your
Live Meeting Experience!

Add a package to your SNMMI Annual Meeting Registration:

<table>
<thead>
<tr>
<th>Package</th>
<th>Price Post-Meeting</th>
<th>Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Virtual Package (recommended): SNMMI Virtual Meeting Access &amp; USB, plus Virtual Poster Hall Access</td>
<td>$368 ($538)</td>
<td>$170</td>
</tr>
<tr>
<td>SNMMI Virtual Meeting Access, plus Virtual Poster Hall Access</td>
<td>$268 ($438)</td>
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<tr>
<td>SNMMI Virtual Meeting Access &amp; USB</td>
<td>$319 ($439)</td>
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<tr>
<td>SNMMI Virtual Meeting Online Access Only</td>
<td>$219 ($339)</td>
<td></td>
</tr>
</tbody>
</table>

Add SNMMI’s Virtual Offerings with great pre-meeting savings available exclusively for Annual Meeting attendees, and continue the learning all year long!

**SNMMI Virtual Poster Hall**

Get instant access to top research presentations. With thousands of Scientific Abstract Oral and Poster Presentations available at the Annual Meeting, it’s impossible to view them all. SNMMI’s 2017 Virtual Poster Hall allows you to more closely examine nuclear medicine and molecular imaging research from your peers, and catch the posters and presentations you may have missed.

- Browse by session, topic, and country
- 24/7 online, anywhere access

**SNMMI Virtual Meeting**

Never miss another session. Featuring 100 sessions from SNMMI’s 2017 Annual Meeting—you get anytime access to the latest research and techniques in the profession. Plus, the Virtual Meeting’s easy-to-use platform allows you to instantly view sessions from the meeting where and when it’s most convenient, including your desktop computer, laptop, iPad, iPhone, or Android mobile devices.

- AMA, ACPE, and VOICE credit available
- 24/7 Online Access to more than 150 hours of content
- Synchronized slides and audio of the most popular sessions
- Includes the Plenary Sessions and Henry N. Wagner, Jr., MD Highlights Symposium
- Optional USB Drive for Offline, Anywhere Access

Learn more about these great additions!

REGISTRATION INFORMATION

SAVE ON YOUR ANNUAL MEETING REGISTRATION! RENEW YOUR MEMBERSHIP OR JOIN SNMMI BEFORE REGISTERING!

Registration Rates
(Saturday – Wednesday)

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Member</th>
<th>Non-member</th>
<th>Member</th>
<th>Non-member</th>
<th>Member</th>
<th>Non-member</th>
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</thead>
<tbody>
<tr>
<td>Early-Bird Registration Rates (on/before April 13, 2017)</td>
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<tr>
<td>Physician</td>
<td>$665</td>
<td>$1,145</td>
<td>$780</td>
<td>$1,290</td>
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<tr>
<td>Scientist</td>
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<td>$1,145</td>
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<tr>
<td>Industry</td>
<td>$665</td>
<td>$1,145</td>
<td>$780</td>
<td>$1,290</td>
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<td>$1,400</td>
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<tr>
<td>Emeritus - Physician/Scientist</td>
<td>$315</td>
<td>n/a</td>
<td>$350</td>
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<td>$460</td>
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<tr>
<td>Technologist</td>
<td>$390</td>
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<td>$450</td>
<td>$705</td>
<td>$550</td>
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<tr>
<td>Laboratory Professional</td>
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<td>$685</td>
<td>$485</td>
<td>$795</td>
<td>$595</td>
<td>$905</td>
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<tr>
<td>Emeritus – Technologist</td>
<td>$195</td>
<td>n/a</td>
<td>$215</td>
<td>n/a</td>
<td>$315</td>
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<tr>
<td>Resident and Student</td>
<td>$205</td>
<td>$330</td>
<td>$230</td>
<td>$380</td>
<td>$340</td>
<td>$490</td>
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<tr>
<td>Technologist Student</td>
<td>No Charge</td>
<td>$75</td>
<td>No Charge</td>
<td>$105</td>
<td>No Charge</td>
<td>$205</td>
</tr>
<tr>
<td>Companion/Guest (16 yrs or older)</td>
<td>$50</td>
<td></td>
<td>$50</td>
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<tr>
<td>Pre-Registration Rates (on/before June 8)</td>
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<tr>
<td>On-Site Registration Rates (beginning June 9)</td>
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</tbody>
</table>

**Best Rate!**

PRE-MEETING CATEGORICAL SEMINARS
(Requires an additional fee unless you are a weekend attendee)

Saturday, June 10
Member Fee: $150 | Non-member Fee: $200

REGISTER ONLINE TODAY!

www.snmmi.org/AM2017

SPECIALTY WORKSHOPS

- The Nuclear Medicine Review Course (NMRC)
  Saturday-Sunday, June 10 –11, 2017
  Member Fee: $200 | Non-member Fee: $300

- The Student Technologist Registry Review (STRR) and Mock Exam
  Saturday-Sunday, June 10 –11, 2017
  Fee: $50
Time-Sensitive!

Early-Bird Registration Deadline: APRIL 13, 2017

Save up to $255 on your Annual Meeting registration!

www.snmmmi.org/AM2017