

REFRESHER COURSE

the
International Skeletal Society

ISS2025

51ST ANNUAL CONFERENCE

September 14 - 19, 2025

Epic SANA Lisboa Hotel • Lisbon, Portugal





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DAY 1 • REFRESHER COURSE

WEDNESDAY, SEPTEMBER 17

COMBINED SESSION

8:00 am – 8:10 am	WELCOME & PROGRAM OVERVIEW - Donna Blankenbaker, MD, FACR , Michael Tuite, MD
8:10 am – 10:00 am	DECODING YOUR BODY: DEEP DIVE INTO BODY COMPOSITION - Miriam Bredella, MD, MBA , Mini Pathria, MD
8:10 am	Surviving and Thriving: Body Composition Insights for Cancer Survivors - Carol Morris, MD, MS
8:30 am	Opportunistic Imaging: A Game Changer in Medical Diagnosis - Miriam Bredella, MD, MBA
8:50 am	Body Composition: A Journey Through the Pathologist's Lens - Julie Fanburg-Smith, MD
9:10 am	Body Composition and Musculoskeletal Health in the Athlete - David Rubin, MD
9:30 am	Timeless Health: Understanding Body Composition and Aging - Robert Boutin, MD
9:50 am	Q & A
10:00 am – 10:30 am	BREAK

SPORTS MEDICINE IMAGING

10:30 am – 12:00 pm	KNEE Clarissa Canella, MD , Thomas Magee, MD
10:30 am	Meniscus Pathology Unmasked: Essential Insights for the Radiologist - Rodrigo Aguiar, MD, PhD
10:40 am	Post-Surgical Knee Imaging: What to Look for After Meniscus Surgery - Guillaume Bierry, MD, PhD
10:50 am	Cruciate Ligament Injuries: Decoding the Key MRI Clues - Paulo Helito, PhD
11:00 am	Post-surgical Knee Imaging: What to look for After ACL Surgery - Camilo Helito, MD, PhD
11:10 am	Patellofemoral Instability: Unlocking the Diagnostic Imaging Secrets - Tobias Dietrich, MD
11:20 am	Unveiling the Posterolateral Corner of the Knee: Advanced Imaging Insights and Updates - P. Diana Afonso, MD
11:30 am	Extensor Mechanism: From Tendinopathy to Rupture - Michael Fox, MD, FACR
11:40 am	Bone Marrow Edema in the Knee: Unraveling the Diagnostic Significance - Nogah Shabshin, MD
11:50 am	Q & A
12:00 pm – 1:30 pm	LUNCH (on your own)
1:30 pm – 3:00 pm	HOW I DO IT - (SC)ROLL WITH THE EXPERTS: CASE-BASED LEARNING Jan Fritz, MD , Mahesh Prakash, MD
1:30 pm	MRI Shoulder: Labrum Tears - Christine Chung, MD
1:45 pm	MRI Elbow: Distal Biceps Injuries - Christian Pfirrmann, MD, MBA
2:00 pm	MRI Hand: Finger Injuries - Jenny Bencardino, MD
2:15 pm	MRI Pelvis: Lateral Hip - Donna Blankenbaker, MD, FACR
2:30 pm	MRI Ankle: Ligament Injuries - Richard Walker, MD, FRCPC
2:45 pm	Q & A
3:00 pm – 3:30 pm	BREAK
3:30 pm – 5:00 pm	HIP/PELVIS Josef Kramer, MD, PhD , Sri Priya Suresh, MBBS, MRCP, FRCR , PGCE(Dip)
3:30 pm	Imaging of FAI - Renata Vidal Leao, MD
3:45 pm	Imaging of Abductor Tendons and Muscles - Suzanne Anderson, MD, PhD
4:00 pm	Extraarticular Hip Impingement - Alice Ha, MD
4:15 pm	Hip Dysplasia: Pre- and Postoperative Imaging - Patrick Omoumi, MD, PhD
4:30 pm	Fatigue Fractures - Kai Vilanova, MD, PhD
4:45 pm	Q & A





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MUSCULOSKELETAL DISEASE

10:30 am – 12:00 pm	THE RENAISSANCE: PEDIATRIC TUMOR IMAGING <i>Joon-Yong Jung, MD, Khaled Mawatry, MD</i>
10:30 am	Are Children Small Adults After All? Imaging Considerations - <i>Jie Nguyen, MD, MS</i>
10:42 am	Bone Lesions: Normal Variant or Something to Worry About? - <i>Vivek Kalia, MD, MPH</i>
10:54 am	Soft Tissues Masses: Common Benign Entities - <i>Diego Jaramillo, MD, MPH</i>
11:06 am	Bone Marrow—When Should I Worry About Leukemia and Refer for Bone Marrow Biopsy? - <i>Laura Fayad, MD</i>
11:18 am	Surgeries Designed for Functionality - <i>Adam Levin, MD</i>
11:30 am	Interesting Cases: Focus on Children and Young Adults -Localized to Whole Body Imaging - <i>Henk-Jan Van der Woude, MD, PhD</i>
11:42 am	Q & A
12:00 pm – 1:30 pm	LUNCH (on your own)
1:30 pm – 3:00 pm	THE MIDDLE AGES <i>Emine Remide Arkun, MD, Raj Chari, MBBS, MRCS, MSc, FRCR, RDiR</i>
1:30 pm	Which Mutations Do I Need to Know? - <i>Marco Gambarotti, MD</i>
1:42 pm	Benign Bone Tumors with Aggressive Characteristics - <i>Mark Murphey, MD</i>
1:54 pm	ST Masses: Tips to Avoid Being Fooled - <i>Connie Chang, MD</i>
2:06 pm	Best Practices for Surveillance - <i>Iris-Melanie Noebauer-Huhmann, MD</i>
2:18 pm	Tumor Imaging Reports: What Does the Surgeon Want to Know? - <i>Santiago Lozano-Calderon, MD, PhD</i>
2:30 pm	Interesting Cases: Focus on Adults 20-50 - <i>Harun Gupta, MD, MRCP, FRCR</i>
2:42 pm	Q & A
3:00 pm – 3:30 pm	BREAK
3:30 pm – 5:00 pm	THE CLASSICS <i>Adnan Sheikh, MD, Ozgur Tosun, MD</i>
3:30 pm	Back Pain Spectrum in the Elderly: Metabolic, Rheumatologic, Infectious and Neoplastic Disorders - <i>Sonal Saran, MD</i>
3:42 pm	Bone Marrow Infiltration and Other Pitfalls: When Should I (Not) Worry? - <i>Frederic Lecouvet, MD, PhD</i>
3:54 pm	Decoding the Recent Classification Systems for Bone Tumors - <i>Jim Wu, MD</i>
4:06 pm	Decoding the Recent Classification Systems for Soft Tissue Tumors - <i>Hillary Garner, MD</i>
4:18 pm	Interventions in Oncology - <i>Mohammad Samim, MD</i>
4:30 pm	Interesting Cases: Focus on the Elderly - <i>Sinchun Hwang, MD</i>
4:42 pm	Q & A





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HOT TOPICS

10:30 am – 12:00 pm	THE PEDIATRIC ATHLETE <i>Miraude Adriaensen, MD, PhD, MSc, EDiMSK, Omar Albtoush, MD</i>
10:30 am	Pitch-Perfect Imaging: Unraveling Little Leaguers' Shoulder and Elbow Injuries - <i>Alessandro Vidoni, MD</i>
10:45 am	Breaking Points: Imaging Fatigue Fractures in Youth - <i>Gajan Rajeswaran, MBBS, FRCR</i>
11:00 am	Young Hips, Big Problems: Imaging Clues in Pediatric Pain Syndromes - <i>Faysal Altahawi, MD</i>
11:15 am	From Play to Pain: Decoding Knee Injuries in Pediatric Athletes - <i>Kirkland Davis, MD</i>
11:30 am	Young Athletes on the Move: Imaging Challenges of Foot and Ankle Injuries - <i>Yuko Kobashi, MD</i>
11:45 am	Q & A
12:00 pm – 1:30 pm	LUNCH (on your own)
1:30 pm – 3:00 pm	UPDATE IN AI FOR THE MSK RADIOLOGIST <i>Amanda Isaac, MBChB, MRCS, FRCR, Marc-Andre Weber, MD, MSc</i>
1:30 pm	Machine Learning, Deep Learning, AI – Survival Guide for Non-Digital Natives - <i>David Wilson, MBBS</i>
1:45 pm	AI and MSK Interventions: How Can This Match? - <i>Sana Boudabbous, MD</i>
2:00 pm	Radiomics of Bone and Soft-Tissue Tumors: Do We Still Need the Radiologist? - <i>Salvatore Gitto, MD, PhD</i>
2:15 pm	Artificial Intelligence in Musculoskeletal Imaging: Any Groundbreaking News? - <i>Daichi Hayashi, MD, PhD, MHCM</i>
2:30 pm	AI in Clinical Practice: Really a Gamechanger or Not Worth the Money? - <i>Naveen Subhas, MD, MPH</i>
2:45 pm	Q & A
3:00 pm – 3:30 pm	BREAK
3:30 pm – 5:00 pm	OPTIMIZATION OF OPPORTUNISTIC IMAGING <i>Heike Daldrup-Link, MD, PhD, Leon Lenchik, MD</i>
3:30 pm	Opportunistic Imaging: Unveiling Hidden Health Insights - <i>Adam Zoga, MD, MBA</i>
3:45 pm	Body Composition Imaging in Children - <i>Vivek Kalia, MD, MPH</i>
4:00 pm	Opportunistic Imaging: Clinical Implementation - <i>Soterios Gyftopoulos, MD, MBA, MSc</i>
4:15 pm	Current State and Challenges of Opportunistic Imaging of Bone - <i>Shadpour Demehri, MD</i>
4:30 pm	Current State and Challenges on Opportunistic Imaging of Muscle - <i>Violeta Vasilevska Nikodinovska, MD, PhD, MSc</i>
4:45 pm	Q & A





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DAY 2 • REFRESHER COURSE

THURSDAY, SEPTEMBER 18

SPORTS MEDICINE IMAGING

8:00 am – 10:00 am	ELBOW <i>Hema Choudur, MBBS, FRCPC, Tamotsu Kamishima, MD, PhD</i>
8:00 am	Elbow Radiography and Pediatric Fractures - <i>Steven Wong, MBChB, MD</i>
8:15 am	Fractures Around the Elbow Joint in Adults - <i>Anna Falkowski, MD</i>
8:30 am	Throwing Injuries of the Elbow - <i>Bruce Forster, MD</i>
8:45 am	Imaging Distal Biceps and Triceps Injuries - <i>Philip Robinson, FRCR</i>
9:00 am	Elbow Instability - <i>Andrew Sonin, MD</i>
9:15 am	Nerve Entrapments About the Elbow - <i>Jeffrey Peterson, MD</i>
9:30 am	Overuse Syndromes and Injuries Involving the Elbow - <i>Aline Serfaty, MD, PhD</i>
9:45 am	Q & A
10:00 am – 10:30 am	BREAK
10:30 am – 12:00 pm	FOOT/ANKLE <i>Yun Sun Choi, MD, PhD, Yet Yen Yan, MBBS, FRCR, MMED</i>
10:30 am	Flatfoot Imaging - <i>Flavio Duarte Silva, PhD</i>
10:45 am	Ankle Instability Caused by Ankle Sprain - <i>Zaid Jibri, MBChB, MRCSEd, FRCR</i>
11:00 am	Entrapment Neuropathies of the Foot and Ankle - <i>Christopher Burke, MD</i>
11:15 am	Post-Operative Appearance of Foot and Ankle Tendons - <i>Mark Schweitzer, MD</i>
11:30 am	Pediatric Injuries in the Ankle and Foot - <i>Sergio Viana, MD</i>
11:45 am	Q & A
12:00 pm – 1:30 pm	LUNCH (on your own)
1:30 pm – 3:00 pm	HAND/WRIST <i>Iris Eshed, MD, Daniel Walz, MD</i>
1:30 pm	Wrist Anatomy & Variants - <i>Berna Dirim Mete, MD</i>
1:40 pm	Ulnar Sided Wrist Pain: TFCC - <i>Dyan Flores, MD</i>
1:50 pm	Radial Sided Wrist Pain - <i>Tatiane Cantarelli, MD</i>
2:00 pm	Gamekeeper's Thumb - <i>Andrew Palisch, MD</i>
2:10 pm	Extrinsic Carpal Ligaments - <i>Tetyana Gorbachova, MD</i>
2:20 pm	Intrinsic Carpal Ligaments: Scapholunate Ligament and SL Dissociation - <i>Graeme Thompson, MBChB</i>
2:30 pm	Scaphoid Fractures: Diagnosis & Postoperative Complications - <i>Kawan Rakhra, MD, FRCPC</i>
2:40 pm	Q & A
3:00 pm – 3:30 pm	BREAK

3:30 PM – 5:00 PM COMBINED SESSION QUIZ PANEL





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MUSCULOSKELETAL DISEASE

8:00 am – 10:00 am	ARTHRITIS <i>Monique Reijnierse, MD, PhD, Charles Resnik, MD</i>
8:00 am	MRI of Early Rheumatoid Arthritis: What you Shouldn't Miss - <i>Yeo Ju Kim, MD, PhD</i>
8:15 am	Beyond the Basics: MRI and Ultrasound in Psoriatic Arthritis - <i>Kay-Geert Hermann, MD</i>
8:30 am	Differentiating Degenerative vs. Inflammatory Arthritis: Key Imaging Features - <i>Anne Cotten, MD</i>
8:45 am	Crystal Arthropathies: Imaging Insights into Gout and CPPD - <i>Filippo Del Grande, MD, MHEM, MBA</i>
9:00 am	Imaging in Spondyloarthritis: A Radiologist's Guide to Early Diagnosis - <i>Robert Lambert, MBBCh, FRCPC</i>
9:15 am	Atypical Presentations of Arthritis: Imaging Challenges - <i>Amit Kumar Sahu, MD</i>
9:30 am	Update on Recent Developments in Imaging of Inflammation in Osteoarthritis - <i>Frank Roemer, MD</i>
9:45 am	Q & A
10:00 am – 10:30 am	BREAK
10:30 am – 12:00 pm	NERVE IMAGING <i>Laura Fayad, MD, Thomas Link, MD, PhD</i>
10:30 am	MR Neurography: Getting Started and Protocol Optimization - <i>Roman Guggenberger, MD</i>
10:45 am	MR Neurography: Clinical Indications, Interpretation, and Reporting - <i>Shivani Ahlawat, MD</i>
11:00 am	Assessment of Brachial Plexus Birth Trauma - <i>Pushpa Bhari Thippeswamy, MD</i>
11:15 am	Ultrasound versus MRI for Brachial Plexus Pathology - <i>James Griffith, MD</i>
11:30 am	Update on Common Nerve Entrapments: Diagnostic Criteria - <i>Kenneth Lee, MD, MBA</i>
11:45 am	Q & A
12:00 pm – 1:30 pm	LUNCH (on your own)
1:30 pm – 3:00 pm	SPINE IMAGING AND INTERVENTION <i>Fernando Ruiz Santiago, PhD, Pushpa Bhari Thippeswamy, MD</i>
1:30 pm	Update on Degenerative Diseases of the Spine - <i>Alexandra Gersing, MD</i>
1:40 pm	Infection: The Role of MRI - <i>Elisabeth Dion, MD</i>
1:50 pm	Trauma: Classifications Systems (C vs. TL spine) - <i>In Sook Lee, MD</i>
2:00 pm	Spine Tumors - <i>Alberto Bazzocchi, MD, PhD</i>
2:10 pm	Postoperative Imaging - <i>Filip Vanhoenecker, MD, PhD</i>
2:20 pm	Tips and Tricks in Bone Biopsy of the Spine - <i>Daniel Wessell, MD</i>
2:30 pm	Treatment Options for Low Back Pain - <i>Ramy Mansour, MBChB, MSc, FRCR</i>
2:40 pm	New Techniques in Spine Intervention - <i>Hakan Ilaslan, MD</i>
2:50 pm	Q & A
3:00 pm – 3:30 pm	BREAK
3:30 PM – 5:00 PM COMBINED SESSION QUIZ PANEL	





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HOT TOPICS

8:00 am – 10:00 am	ATHLETIC INJURIES OF THE CORE <i>Antonio Barile, MD, Andrea Roszkopf, MD</i>
8:00 am	Rectus Abdominis Injuries - <i>James Teh, MBBS, MRCP, FRCR</i>
8:15 am	Adductor Muscle Injuries - <i>Ramon Gheno, MD, PhD</i>
8:30 am	Sport-Related Pubic Symphyseal Disorders - <i>Hilary Umans, MD</i>
8:45 am	Proximal Quadriceps and Hamstring Injuries - <i>Atul Taneja, MD, PhD</i>
9:00 am	Sport-Related Chest Wall Injuries - <i>Tatiane Cantarelli, MD</i>
9:15 am	Ultrasound of Inguinal Hernias - <i>Jon Jacobson, MD</i>
9:30 am	Specific Core Injuries in Young Athletes - <i>Hee Kim, MD</i>
9:45 am	Q & A
10:00 am – 10:30 am	BREAK
10:30 am – 12:00 pm	DAY IN THE LIFE OF THE MSK RADIOLOGIST & STATE OF MSK IN PORTUGAL <i>P. Diana Afonso, MD, Kevin McGill, MD, MPH</i>
10:30 am	MSK Radiology in Portugal: Current Status and Future Directions - <i>P. Diana Afonso, MD, Vasco Mascarenhas, MD, PhD</i>
10:45 am	How to Increase Productivity in MSK Radiology Without Compromising Quality - <i>Richard Kijowski, MD</i>
11:00 am	Recruitment: How to Recruit and be Recruited - <i>Hugue Ouellete, MD, FRCPC</i>
11:15 am	Wellness in Radiology - <i>Stacy Smith, MD</i>
11:30 am	Leadership and Mentoring - <i>Leon Lenchik, MD</i>
11:45 am	Q & A
12:00 pm – 1:30 pm	LUNCH (on your own)
1:30 pm – 3:00 pm	MSK INTERVENTION: BREAD & BUTTER <i>Danoob Dalili, MBBS, FRCR, Barry Hansford, MD</i>
1:30 pm	Soft Tissue Biopsy Secrets: Techniques for Optimal Results - <i>Angela Atinga, MD</i>
1:45 pm	Biopsy with Confidence: Expert Tips for Bone Tumor Sampling - <i>Robert Lopez, MD</i>
2:00 pm	Guided Success: Principles of Fluoroscopic Joint Injections - <i>Radhesh Lalam, MBBS, MRCS, FRCR</i>
2:15 pm	From Technique to Innovation: The Latest in Osteoid Osteoma Ablation - <i>Young Han Lee, MD, PhD</i>
2:30 pm	Precision and Relief: Basics of Image-Guided Peripheral Nerve Interventions - <i>Thomas Le Corroller, MD, PhD</i>
2:45 pm	Q & A
3:00 pm – 3:30 pm	BREAK

3:30 PM – 5:00 PM COMBINED SESSION QUIZ PANEL





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DAY 3 • REFRESHER COURSE

FRIDAY, SEPTEMBER 19

SPORTS MEDICINE IMAGING

8:00 am – 10:00 am	SHOULDER <i>Anagha Parkar, MD, PhD, Nicholas Zillerelo, MD</i>
8:00 am	Cuff It Up! Imaging Techniques and Discoveries in Rotator Cuff Assessment - <i>Andrew Grainger, MD</i>
8:15 am	Glenohumeral Instability: Imaging Strategies and Interpretive Techniques - <i>Erin Alaia, MD</i>
8:30 am	From Windup to Follow-Through: MRI Findings in SLAP Tears and Microinstability in Throwing Athletes - <i>Ara Kassarian, MD, FRCPC</i>
8:45 am	Unlocking the Secrets: Imaging the Biceps Pully and Rotator Interval - <i>Kathryn Stevens, MD, BS (hons)</i>
9:00 am	Muscle Mania: Imaging the Pectoralis, Latissimus, and Teres Major! - <i>Linda Probyn, MD</i>
9:15 am	Imaging the Postoperative Shoulder: Techniques, Findings, and Best Practices - <i>Reto Sutter, MD</i>
9:30 am	Shoulder Nerve Entrapments: From Anatomy to Imaging - <i>Yun Sun Choi, MD, PhD</i>
9:45 am	Q & A
10:00 am – 10:30 am	BREAK
10:30 am – 12:00 pm	IMAGING MUSCLE INJURY <i>Gary Gold, MD, Eva Llopis, MD</i>
10:30 am	US or MR for Muscle Injuries: What to Choose, Why and When - <i>Carlo Martinoli, MD</i>
10:45 am	Classifications in Muscle Injuries: Do they Matter? - <i>Marcelo Bordalo Rodrigues, MD, PhD</i>
11:00 am	Rectus Femoris: Case-Based Review - <i>Eva Llopis, MD</i>
11:15 am	Hamstrings: Case-Based Review - <i>Mini Pathria, MD</i>
11:30 am	Triceps Surae: Case-Based Review - <i>Jaime Isern-Kebschull, MD, PhD</i>
11:45 am	Q & A
12:00 pm – 1:30 pm	LUNCH (on your own)
1:30 pm – 3:00 pm	DECODING SMALL JOINTS <i>Nicholas Nacey, MD, Jatinder Pal Singh, FRCR, DNB, DMRD</i>
1:30 pm	The Sinus Tarsi: What's New? - <i>John Symanski, MD</i>
1:40 pm	Metatarsalgia - <i>Marcelo De Abreu, MD</i>
1:50 pm	Proximal Tibiofibular Joint: Frequently Overlooked - <i>Joong Mo Ahn, MD</i>
2:00 pm	Fingers: What High Resolution Teaches You - <i>Mihra Taljanovic, MD, PhD</i>
2:10 pm	Thumb: Embracing its Uniqueness - <i>Mark Anderson, MD</i>
2:20 pm	The Sternoclavicular Joint - <i>Michael Zlatkin, MD</i>
2:30 pm	The Hallux: More than a Bunion? - <i>Naomi Winn, MBBS, BMedSci, FRCR</i>
2:40 pm	Interesting Cases: Trauma, Inflammation or Infection? - <i>Muthusamy Chandramohan, MBBS, DMRD, FRCR</i>
2:50 pm	Q & A
3:00 pm – 3:30 pm	BREAK
COMBINED SESSION	
3:30 pm – 5:05 pm	BONES OF WISDOM: HIGHLIGHTS FROM THE FAVORITE TALKS OF THE PAST PRESIDENTS <i>Donna Blankenbaker, MD, FACR, Linda Probyn, MD</i>
3:30 pm	Tissue Delamination with Emphasis on Articular Cartilage - <i>Donald Resnick, MD</i>
3:45 pm	Rotator Cuff MRI: Pearls and Pitfalls - <i>Lynne Steinbach, MD</i>
4:00 pm	Lumbar Spine MRI Interpretation - <i>William Palmer, MD</i>
4:15 pm	Radiomics in MSK Sarcoma - <i>Lawrence White, MD</i>
4:30 pm	How AI Will/Has Change(d) MSK Imaging - <i>Michael Recht, MD</i>
4:45 pm	Supporting Scientific Careers in MSK Radiology - <i>Juerg Hodler MD, MBA</i>
5:00 pm	Closing Remarks - <i>Michael Tuite, MD</i>





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FRIDAY, SEPTEMBER 19

MUSCULOSKELETAL DISEASE

8:00 am – 10:00 am	INFECTION/METABOLIC <i>Arvin Kheterpal, MD, Olympia Papakonstan, MD, PhD</i>
8:00 am	Tuberculosis in the Musculoskeletal System: A Multimodal Imaging Perspective - <i>Wilfred Peh, MD</i>
8:15 am	Benign and Malignant Vertebral Collapse - <i>Nuran Sabir, MD</i>
8:30 am	Imaging Soft-Tissue Infections: Essential Features and Diagnostic Clues - <i>Nuttaya Pattamapaspong, MD</i>
8:45 am	Main Differential Diagnoses of Infection in an Emergency Department - <i>Haron Obaid, MD, FRCS, FRCR, FRCPC</i>
9:00 am	Prosthetic Joint Infection: Imaging Strategies for Diagnosis and Management - <i>Nicholas Rhodes, MD</i>
9:15 am	Advanced MR Sequences in the Diabetic Foot: A Guide to Imaging and Interpretation - <i>Roger Bartolotta, MD</i>
9:30 am	Bone Marrow Changes in Metabolic Disorders: MRIP Patterns and Clinical Relevance - <i>Maria Pilar Aparisi Gomez, MBChB</i>
9:45 am	Q & A
10:00 am – 10:30 am	BREAK
10:30 am – 12:00 pm	NEW ADVANCES IN MSK MRI <i>Ali Guermazi, MD, PhD, MSc, Siegfried Trattnig, MD</i>
10:30 am	Optimization of Opportunistic Imaging: MRI - <i>Behang Amini, MD, PhD</i>
10:45 am	Advances in Qualitative MR Neurography - <i>Darryl Sneag, MD</i>
11:00 am	Update on Deep Learning MSK MRI - <i>Jan Fritz, MD</i>
11:15 am	Vascular Findings on Knee MRI: From Normal Variant to Limb Threatening - <i>Kara Gaetke-Udager, MD</i>
11:30 am	MR Imaging of Metallic Orthopedic Hardware - <i>Iman Khodarahmi, MD, PhD</i>
11:45 am	Q & A
12:00 pm – 1:30 pm	LUNCH (on your own)
1:30 pm – 3:00 pm	POSTOPERATIVE IMAGING: RAPID FIRE <i>Majid Chalian, MD, Kay-Geert Hermann, MD</i>
1:30 pm	Post-operative Shoulder Imaging: Labral Repair - <i>Ustun Aydingoz, MD</i>
1:40 pm	Post-operative Shoulder Imaging: Rotator Cuff Repair - <i>Jung-Ah Choi, MD, PhD</i>
1:50 pm	Post-operative Knee Imaging: ACL Reconstruction - <i>Joseph Craig, MB ChB</i>
2:00 pm	Post-operative Knee Imaging: PCL Reconstruction - <i>Reto Sutter, MD</i>
2:10 pm	Post-operative Knee Imaging: Meniscus Surgery - <i>F. Bilge Ergen, MD</i>
2:20 pm	Post-operative Wrist Imaging - <i>Matthew Frick, MD</i>
2:30 pm	Spine Surgery Imaging: Detecting Complications - <i>Claus Simpfendorfer, MD</i>
2:40 pm	Post-Operative Imaging in Trauma - <i>Corrie Yablon, MD</i>
2:50 pm	Q & A
3:00 pm – 3:30 pm	BREAK
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