**Special Interest Tracks**

**Preliminary Schedule**

### Basic Science and Instrumentation
- Estimation of In Situ Acoustic Output Levels  
  - **Friday**
- Compressional Sound Speed Imaging  
  - **Saturday**
- Design Updates for Nontraditional Applications of Point-of-Care Ultrasound  
  - **Saturday**
- Synthetic Focus Imaging Techniques  
  - **Sunday**
- Cleaning Up Ultrasound Images  
  - **Monday**

### Cardiovascular Ultrasound
- Advanced Carotid Ultrasound  
  - **Friday**
- Carotid Ultrasound: The Good, the Bad, and the Ugly  
  - **Friday**
- How to Approach the Transplant Recipient  
  - **Friday**
- Vascular Jeopardy  
  - **Friday**
- Hands-on Carotid and Transcranial Doppler Ultrasound*  
  - **Saturday**
- Hands-on Evaluation of Venous Insufficiency*  
  - **Saturday**
- Just Images: Uncommon Vascular Pathology  
  - **Saturday**
- Just Images: Vascular Emergencies  
  - **Saturday**
- Renal Doppler Ultrasound: How Far Can You Go?  
  - **Saturday**
- Imaging Pitfalls and Great Calls  
  - **Sunday**
- Noninvasive Testing for Peripheral Arterial Disease: Case-Based Presentations  
  - **Sunday**
- Peripheral Arterial Disease: Consult Through Intervention and Follow-up Surveillance  
  - **Sunday**
- Spectrum of Care and Evaluation of Chronic Venous Insufficiency  
  - **Sunday**
- Transcranial Doppler Application and Interpretation in Brain Injury and Disease  
  - **Sunday**
- Just Images: Abdominal Aorta  
  - **Monday**
- Just Images: Cardiovascular Ultrasound  
  - **Monday**

### Contrast-Enhanced Ultrasound
- Clinical Applications of Contrast-Enhanced Ultrasound: Case-Based Approach  
  - **Saturday**
- Clinical Applications of Ultrasound Contrast: Part 1  
  - **Saturday**
- Clinical Applications of Ultrasound Contrast: Part 2  
  - **Saturday**
- Just Images: Contrast-Enhanced Ultrasound  
  - **Sunday**
- Just Images: Elastography/Cardiovascular Ultrasound  
  - **Monday**

### Elastography
- Hands-on Elastography*  
  - **Friday**
- Imaging Application and Uses: Part 1  
  - **Friday**
- Research in Elastography  
  - **Friday**
- Just Images: Breast Elastography  
  - **Saturday**
- Musculoskeletal Elastography  
  - **Saturday**
- Elastographic Images  
  - **Sunday**
- Imaging Application and Uses: Part 2  
  - **Sunday**
- Just Images: Elastography/Contrast-Enhanced Ultrasound  
  - **Monday**

### Fetal Echocardiography
- Common Congenital Heart Anomalies: Prognosis and Follow-up After Early Diagnosis  
  - **Friday**
- Hands-on Fetal Cardiac Sonography: Basic to Advanced*  
  - **Friday**
- What Went Wrong? All You Need to Know About Fetal Cardiac Embryology, Anatomy, and Pathology  
  - **Friday**
- Abnormalities of the Fetal Venous System  
  - **Saturday**
- Can Fetal Echocardiography Predict the Future? Progression of Pathology Through Gestation  
  - **Saturday**
- Musculoskeletal Elastography  
  - **Saturday**
- Normal Fetal Heart Examination: Chambers, Arteries, and Veins  
  - **Saturday**
- Complications of Monochorionicity  
  - **Sunday**
- Interplay of Genetics and the Fetal Heart: Different Problems, Different Perspectives  
  - **Sunday**
- Tricks and Physics: How to Improve Your Imaging of the Fetal Heart  
  - **Sunday**
- Assessment of the Fetus at Risk for Cardiac Decompensation: When to Worry, What to do About It  
  - **Monday**
- Just Images: Fetal Echocardiography  
  - **Monday**
- Wrong Diagnosis: Learning From Our Mistakes  
  - **Monday**

### General and Abdominal Ultrasound
- Breast Imaging  
  - **Friday**
- Evaluation and Follow-up of the Chronic Kidney Disease Patient With a Renal Mass  
  - **Friday**
- Ultrasound Evaluation of the Abdominal Wall and Associated Structures  
  - **Friday**
- Just Images: Uncommon Vascular Pathology  
  - **Saturday**
- Renal Doppler Ultrasound: How Far Can You Go With It?  
  - **Saturday**
- Ultrasound After 5 PM  
  - **Saturday**
- Ultrasound of the Patient With a Thyroid Nodule: Basic Anatomy and Preoperative and Postoperative Evaluation  
  - **Saturday**
- Journal Club: Recently Published Articles That Have Shaped the Practice of General and Abdominopelvic Ultrasound  
  - **Sunday**
- Film Panel: Unknown Cases  
  - **Sunday**
- Should You Change Your Current Practice of Hepatic Sonography?  
  - **Monday**

*Separate registration is required.*
### Gynecologic Ultrasound
- Deep Endometriosis: Friday
- Just Images: Urogynecology and Pelvic Floor: Friday
- Novel Gynecologic and Early-Pregnancy Ultrasound-Guided Interventions: Friday
- Abnormal Uterine Bleeding: Saturday
- Acute Care in Gynecology: Saturday
- Film Panel: Unknown Cases: Saturday
- Three-Dimensional Gynecologic Ultrasound: Saturday
- Adnexal Masses: Sunday
- Early Pregnancy, Pregnancy of Unknown Location, and Ectopic Pregnancy: Sunday
- Just Images: Gynecology: Monday
- Knobology and the Basics of Gynecologic Ultrasound: Monday
- Reproductive Medicine and Infertility: Monday

### Obstetric Ultrasound
- Controversies in Noninvasive Prenatal Testing: Friday
- Evaluation of the Cervix in Pregnancy: Friday
- Film Panel: Interesting Prenatal Cases With Neonatal Follow-up: Friday
- Hands-on Fetal Cardiac Sonography: Basic and Advanced*: Friday
- Abnormalities of the Fetal Venous System: Saturday
- Coding and Billing in Obstetric Ultrasound: Saturday
- Controversies in Obstetric Doppler Ultrasound: Saturday
- Just Images: First-Trimester Ultrasound: Saturday
- Learning From Our Mistakes: Where We Got Fooled: Saturday
- Medicolegal Issues in Obstetric Ultrasound: Saturday
- Complications of Monochorionicity: Sunday
- Obstetric Jeopardy: An Audience Participation Imaging Game: Sunday
- Prenatal Imaging of the Fetal Face: Sunday
- The Fetal Abdomen: Beyond the Basics: Sunday
- Three- and Four-Dimensional Ultrasound for the Advanced Assessment of Fetal Abnormalities: Sunday
- Emerging Concepts in Fetal Growth Assessment: Monday
- Fetal Genitourinary Abnormalities: Monday
- Fetal Neurosonography: Evaluation of Structural Brain Development and Malformations: Monday
- Just Images: Obstetrics: Monday

### Neurosonology
- Carotid Ultrasound: The Good, the Bad, and the Ugly: Friday
- Advanced Carotid Ultrasound: Friday
- Vascular Jeopardy: Friday
- Hands-on Carotid and Transcranial Doppler Ultrasound*: Saturday
- Neonatal Head Sonography: Saturday
- Transcranial Doppler Application and Interpretation in Brain Injury and Disease: Sunday
- Transcranial Doppler Basics and Notes for Stroke: Sunday
- In, Out, and About the Pediatric Spinal Canal: Monday

### Musculoskeletal Ultrasound
- Hands-on Shoulder Ultrasound*: Friday
- Musculoskeletal Ultrasound of Sports Injuries and Hernias: Friday
- Hands-on Hip Ultrasound*: Saturday
- Musculoskeletal Elastography: Saturday
- Hands-on Knee and Ankle Ultrasound, Including Regional Peripheral Nerves*: Sunday
- Ultrasound-Guided Tendon Procedures: Techniques, Tips, and Tricks: Sunday
- Just Images and Dynamics: Musculoskeletal Ultrasound—From Pediatrics to Adults: Monday
- Rheumatologic Applications in Ultrasound: Monday

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Special Interest Tracks
Preliminary Schedule

**Pediatric Ultrasound**
- Breast Lumps in Teenagers: Saturday
  - The “Black Hole” of Pediatric Radiologists
  - Complex Cutting-Edge Pediatric Ultrasound
  - Prenatal Ultrasound Abnormalities of the Chest, Abdomen, and Pelvis With Postnatal Correlation Saturday
  - How to Be an Ultrasound Hipster: A Comprehensive Radiologist’s and Pediatric Orthopedic Surgeon’s Approach to Groovy Hip Joint Imaging With Ultrasound Sunday
  - Challenging Pediatric Ultrasound Cases Monday
  - Just Images: Pediatric Ultrasound and Neurosonography Monday
  - Pediatric Oncologic Ultrasound: Liver, Renal, and Retroperitoneal Tumors Sunday
  - Sonography Teaching Master Class: Experts Discuss How to Orchestrate Sonography Teaching for Physicians That Leads to Standing Ovations and Encores Monday

**Point-of-Care Ultrasound**
- Acute Cardiac Ultrasound Cases Friday
  - Institutional Point-of-Care Ultrasound Friday
  - Point-of-Care Ultrasound Assessment of Acute Bowel Pathology Friday
  - Design Updates for Nontraditional Applications of Point-of-Care Ultrasound Saturday
  - Interesting Cases in Acute Care Saturday
  - Ultrasound Evaluation of Vascular Emergencies Saturday
  - Acute Head and Neck Ultrasound Sunday
  - Hands-on Ultrasound Guidance for Critical Procedures* Sunday
  - Point-of-Care Ultrasound: Recent Advances in Research and Technology Sunday
  - Sonographic Evaluation of Acute Musculoskeletal Complaints Sunday
  - Just Images: Point-of-Care Ultrasound Monday
  - New Horizons in Critical Care Ultrasound Monday
  - Ultrasound Evaluation of Acute Abdominal and Pelvic Pain Monday

**Sonography**
- Becoming an Evidence-Based Practitioner Saturday

**Therapeutic Ultrasound**
- Therapeutic Ultrasound Friday

**Ultrasound in Global Health**
- Ultrasound in Global Health Lecture Series: Bringing Ultrasound to the World Saturday

**Other**
- Accreditation Tutorial Saturday
- How to Be an Effective Manuscript Reviewer for the *Journal of Ultrasound in Medicine* Sunday

*Separate registration is required.*