### PROGRAM AT A GLANCE
#### SUNDAY, JULY 12

#### PROFESSIONAL

**A** 9:30–11:00
- **Professional Council Symposium**: Alternative Career Opportunities for Medical Physicists
  - Moderator: D. Pfeiffer
  - R. Jeraj, E. Angel
  - Room 213

#### THERAPY EDUCATION

**B** 11:00–12:30
- **EDUCATION COUNCIL SYMPOSIUM**
  - Accreditation and Certification: Establishing Educational Standards and Evaluating Candidates Based on these Standards
  - Moderator: G. Starkschall
  - G. Starkschall, W. Beckham, B. Clark, C. Reft, A. Seibert, J. Allison
  - Room 213

#### THERAPY SCIENTIFIC

**A** 9:30–11:00
- **AAPM Medical Physics Student Meeting**
  - Medical Billing and Regulations: Everything You Always Wanted to Know, but Were Too Afraid To Ask
  - Moderators: A. Rodriguez, J. Stanford
  - H. Wu, M. Abogunde
  - Room 210

#### JOINT IMAGING – THERAPY SCIENTIFIC

**B** 11:00–12:30
- **SNAP Oral**
  - 3D Printer Applications in Radiotherapy
  - R. Howell, J. Robar
  - SNAP Oral
  - Measurement Devices and Techniques
  - M. Bellon, J. Martin
  - SNAP Oral
  - Patient-specific QA in Photon Therapy
  - A. Maliniak, J. Shears
  - SNAP Oral
  - Novel Treatment Delivery Devices and Techniques
  - R. Ten Haken, Z. Labby
  - SNAP Oral
  - Imaging for Therapy Guidance
  - W. Lu, J. Lamb
  - SNAP Oral
  - Preclinical Studies
  - T. Zhu, E. Graves
  - SNAP Oral
  - Cone-beam CT
  - J. Wang, L. Zhu
  - SNAP Oral
  - Nuclear Medicine, SPECT
  - M. Dahlbom, J. Nyk
  - SNAP Oral
  - Motion: Truth and Consequences
  - R. Wiersma, D. Low

#### IMAGING SCIENTIFIC

**B** 11:00–12:30
- **SNAP Oral**
  - Devices for QA of Beam Delivery
  - B. Han, J. Wong
  - SNAP Oral
  - Proton Therapy Delivery and Measurement
  - T. Borland, S. Shires
  - SNAP Oral
  - Patient Safety and Automation
  - D. Yang, C. Hilsenrath
  - SNAP Oral
  - Image Features for Therapy Guidance
  - J. El-Naggar, M. Aristophanous
  - SNAP Oral
  - MRI
  - J. Wever, R. Kapoor
  - SNAP Oral
  - Nuclear Medicine, PET/CT, PET/MR
  - K. Matthews, M. Palmer
  - SNAP Oral
  - Ultrasound Imaging: Diagnostic and Image Guidance
  - M. Hollander, C. Diederich

#### IMAGING EDUCATION

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- **AAPM Medical Physics Student Meeting**
  - Medical Billing and Regulations: Everything You Always Wanted to Know, but Were Too Afraid To Ask
  - Moderators: A. Rodriguez, J. Stanford
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#### PRACTICAL MEDICAL PHYSICS

**B** 11:00–12:30
- **SNAP Oral**
  - Devices for QA of Beam Delivery
  - B. Han, J. Wong
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  - J. El-Naggar, M. Aristophanous
  - SNAP Oral
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  - J. Wever, R. Kapoor
  - SNAP Oral
  - Nuclear Medicine, PET/CT, PET/MR
  - K. Matthews, M. Palmer
  - SNAP Oral
  - Ultrasound Imaging: Diagnostic and Image Guidance
  - M. Hollander, C. Diederich

#### ULTRASOUND

**B** 11:00–12:30
- **SNAP Oral**
  - Devices for QA of Beam Delivery
  - B. Han, J. Wong
  - SNAP Oral
  - Proton Therapy Delivery and Measurement
  - T. Borland, S. Shires
  - SNAP Oral
  - Patient Safety and Automation
  - D. Yang, C. Hilsenrath
  - SNAP Oral
  - Image Features for Therapy Guidance
  - J. El-Naggar, M. Aristophanous
  - SNAP Oral
  - MRI
  - J. Wever, R. Kapoor
  - SNAP Oral
  - Nuclear Medicine, PET/CT, PET/MR
  - K. Matthews, M. Palmer
  - SNAP Oral
  - Ultrasound Imaging: Diagnostic and Image Guidance
  - M. Hollander, C. Diederich

#### TECHNICAL EXHIBIT HALL

**C** 1:00–1:55
- **Exhibit Hall (Refreshment Breaks, Posters and Technical Exhibits)**
- **3:00–3:30 Refreshment Break in Exhibit Hall**

**D** 2:05–3:00
- **SNAP Oral**
  - Devices for QA of Beam Delivery
  - B. Han, J. Wong
  - SNAP Oral
  - Proton Therapy Delivery and Measurement
  - T. Borland, S. Shires
  - SNAP Oral
  - Patient Safety and Automation
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  - SNAP Oral
  - Ultrasound Imaging: Diagnostic and Image Guidance
  - M. Hollander, C. Diederich

**E** 3:00–5:00
- **BEST IN PHYSICS**
  - Electronic Poster Theaters and Discussion in the Exhibit Hall
  - Presenting Authors available 3:00–4:00

**F** 4:00–6:00
- **SNAP Oral**
  - Proton Therapy Treatment Planning
  - J. Kraus, F. Poenisch
  - SNAP Oral
  - Treatment Planning for External Beam Therapy
  - R. Ten Haken, J. Robar
  - SNAP Oral
  - MRI in Radionc Therapy
  - D. Green, S. McGuire
  - SNAP Oral
  - Multi-Detector CT
  - L. Yu, B. Li
<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
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<tbody>
<tr>
<td>8:30–9:30</td>
<td>AAPM Professional Liability Insurance Update</td>
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<tr>
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<td>Organizers: D. Jordan, A. Dirksen, G. Fuller</td>
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<td>9:00–10:00</td>
<td>Journal of Applied Clinical Medical Physics: Mission and Submission</td>
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<td>Organizers: S. Richardson, M. Mills, D. Starkshall, S. Richardson</td>
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<td>10:00–10:30</td>
<td>Current Trends in 1950s-2000s Microscopy: Delivery and Dosimetry</td>
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<td>Organizers: A. Mahbod, A. Kapelkov</td>
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<td>10:30–11:00</td>
<td>Electronic Charting in EBRT and Brachytherapy</td>
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<td>Organizers: J. Machalska, J. Machalska, S. Richardson, S. Sulif</td>
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<td>11:00–11:30</td>
<td>Optimizing the Treatment Planning Process</td>
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<td>Organizer: W. Feng, J. Chang, A. Kupar</td>
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<td>11:30–12:00</td>
<td>John R. Cameron Young Investigator Symposium</td>
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<td>Moderators: M. Martel, G. Eiboff</td>
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<td>12:00–1:00</td>
<td>Lunch</td>
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<td>1:00–2:00</td>
<td>Visit the Technical Exhibits</td>
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<td>2:00–3:00</td>
<td>Education Session</td>
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<td>Committee Update</td>
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<td>Organizer: M. Mills, M. Gress</td>
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<td>3:00–4:00</td>
<td>SAM: Pediatric Imaging: The Phoenix of Radiation Therapy</td>
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<td>Organizer: R. Libby, J. Hatt, D. Satter, B. Libby</td>
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<td>4:00–5:00</td>
<td>Pediatric Radiation Therapy Planning and Late Effects</td>
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<td>Organizer: A. Ocht, C. Hua</td>
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<td>5:00–6:00</td>
<td>Iterative Reconstruction in CT</td>
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<td>6:00–7:00</td>
<td>AAPM Awards Ceremony—Anaheim Marriott / Platinum Ballroom</td>
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<td>7:00–9:00</td>
<td>AAPM Awards Ceremony—Anaheim Marriott / Grand Ballroom A-F</td>
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<td>Room 213</td>
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<tr>
<td>A 8:30–9:30</td>
<td>SAM: Spine SBRT Organizers: B Winey, L Ma</td>
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<td>B 11:00–12:00</td>
<td>Real-time Imaging Verification and Tracking for Moving Targets Organizers: L Ren, M Descovich, L Ren, D Low, M Descovich, P Keall</td>
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<td>E 1:00–2:00</td>
<td>SAM (1:00 - 2:00): Reference Dosimetry for Beam Modalities Other Than MV Photons Organizer: M McEwen</td>
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<td>F 2:00–2:50</td>
<td>TG18B-Measurement and Calculation of Doses Outside the Treatment Volume from External-Beam Radiation Therapy Treatment Organizer: R Howell</td>
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CLOSE OF MEETING
See you next year in Washington, DC
July 31– August 4, 2016