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I’d like to welcome you to the AAPM 59th Annual Meeting & Exhibition. Every year the Annual Meeting draws thousands of medical physicists who come to attend the world’s largest program of scientific, educational and professional presentations and exhibits in the medical physics community.

This year, in an effort to further unite our profession and bring medical physicists together, the theme of the Annual Meeting is **Connecting Our Pathways. Unifying Our Profession.** The Annual Meeting has a variety of symposia, panel discussions, courses, and workshops on the latest medical physics topics. All these activities and events are planned to help give members several opportunities to learn and interact with peers and colleagues, make new connections, and reconnect with old friends.

Denver is a beautiful city and offers a wide range of activities. Plus, it boasts of over 300 days of annual sunshine, almost guaranteeing a sun-filled meeting week. Along with the city’s great weather, Denver has a walkable downtown area. Within a 1-mile radius there are more than 300 restaurants, brew pubs, rooftop cafes, and music venues.

Enjoy the meeting!

*Melissa C. Martin  
President, AAPM*

**SESSIONS OF NOTE FROM THE PRESIDENT:**

- **SAM Therapy Scientific Symposium:** Joint Scientific Symposium with ESTRO: From Bench to Bedside Via Veterinary Radiation Oncology
- **SAM Therapy Scientific Symposium:** Joint Symposium of AAPM and ASTRO: Normal Tissue Dose-Volume Effects of Head/Neck and Liver/GI SBRT
- **Joint Imaging-Therapy Symposium:** FUTURE: Provocative Questions in Medical Physics
• SAM Joint Imaging-Therapy Scientific Symposium: Research Funding
• SAM Imaging Scientific Symposium: 2017 ICRU Gray Medal: Presentation of the Medal and Lectures by the Pioneers
• SAM Imaging Scientific Symposium: Low Dose CT: Where Do We Stand Now?
• Imaging Educational Course: Anne and Donald Herbert Distinguished Lectureship in Modern Statistical Modeling
• SAM Imaging Educational Course: How to Select and Evaluate a PET Auto-segmentation Tool - Insights from AAPM TG211
• SAM Therapy Educational Course: In Memoriam of Michael Goltein: Milestones in Treatment Planning, Biophysical Modeling, and Delivery of Proton Therapy
• SAM Therapy Educational Course: HDR Brachytherapy: Interstitial Treatments for GYN Panel Discussion
• SAM Practical Medical Physics: Identifying Image Artifacts, Their Causes, and Solutions
• SAM Practical Medical Physics: Compliance with AAPM, ACR, TJC Guidelines on CT Clinical Practice
• SAM Professional Symposium: Recent Medical Physics Practice Guidelines and Your Delivery Path
• Professional Symposium: Panel Discussion: Mentor and Mentee Roles
• Ultrasound Symposium: The Carson/Zagzebski Distinguished Lecture on Medical Ultrasound
• Ultrasound Symposium: HIFU in Oncology
• Joint Imaging-Therapy Symposium: WMIS/AAPM Joint Symposium: Imaging Hypoxia
• President’s Symposium: Connecting Our Pathways. Unifying Our Profession.
• Education Council Symposium: Future Trends in Medical Physics Education
• Professional Council Symposium: Communicating with Patients: A Vital Skill for a Medical Physicist
• Joint Council Symposium: New Opportunities for Medical Physics
• SAM Joint Imaging-Therapy Scientific Symposium: The Roles and Task of Medical Physicists in Clinical Trial
MEDICAL PHYSICS 3.0 is an initiative to define and practice sustainable excellence in medical physics. Visiting our roots and re-envisioning our desired contributions to quality healthcare, MP3.0 asks the question of whether we are fulfilling our potential, and if we are not, how we can do so.

HELP US REDEFINE AND REINVIGORATE THE ROLE OF PHYSICS IN MODERN MEDICINE!

ATTEND SESSIONS
• Special AAPM 2017 Sessions on Wednesday, August 2:
  Medical Physics 3.0 in Design
  Medical Physics 3.0 in Practice

GIVE OPINIONS
• Visit the MP3.0 Booth
  Smile and speak, tell us what you think!

Learn more about MP3.0 at:
aapm.org/MedPhys30/
The general layout of rooms for various programs is as follows, although there are numerous exceptions throughout the week, so check the program carefully:

- **Therapy (Education & Scientific)**  
  Four Seasons 1, 2, Room 702

- **Imaging (Education & Scientific)**  
  Rooms 601, 702

- **Joint Imaging-Therapy**  
  Four Seasons 4, Room 605

- **Professional**  
  Partners in Solutions Room, Room 108

- **Practical Medical Physics**  
  Room 201

- **Ultrasound**  
  Room 708

### CONTINUING EDUCATION

#### Medical Physicists

The AAPM 59th Annual Meeting & Exhibition has been accredited by the Commission on Accreditation of Medical Physics Education Programs (CAMPEP).

One Medical Physics Continuing Education Credit (MPCEC) per hour will be awarded for each course, symposia, and proffered paper session. Up to 8 hours of credit will be awarded for the viewing of general, Best in Physics, and ePoster displays. To obtain credit, attendees MUST complete an online evaluation survey.

The AAPM 59th Annual Meeting & Exhibition has been approved by the Radiology Leadership Institute (RLI) to offer continuing education credits for select professional sessions. To obtain credit, attendees must complete the online evaluation.

Please note, in addition to your Badge ID, your ACR # is also required. AAPM will report RLI credits to the Radiology Leadership Institute (RLI).

#### Medical Dosimetrists

To obtain credit, attendees must complete an online evaluation survey. Badge ID and CMD Number are
required. Internet/CEC terminals are available in the convention center for this purpose.

**Credits/Online Evaluation System**

To obtain credit, attendees must complete an online evaluation survey. Internet/CEC terminals are available in the Convention Center for this purpose. The Online Evaluation System will also be available via the AAPM website. AAPM is providing complimentary Wi-Fi throughout the Colorado Convention Center (AAPM session rooms, Exhibit Hall and function space).

The Online Evaluation System will remain open through **11:59 pm ET, September 6**. Evaluations MUST be completed by that time for credits to be earned. MPCEC, MDCB, RLI and SAM credits will be released on **September 13, 2017**.

Please note: You must enter your **Badge ID** and **last name** in order to access the CEC evaluation system.

Once you have completed evaluating ALL sessions attended, select **FINALIZE PROGRAM EVALUATION**. Please note you will no longer have access to edit your evaluation once you have **FINALIZED** the evaluation.

**Medical Physicists**

AAPM will provide CAMPEP with participant contact information, credits earned, and the appropriate processing fees in order for individual participants to access their personal AAPM 59th Annual Meeting & Exhibition transcript via the CAMPEP online MPCEC Repository database. Please be advised, CAMPEP transcripts are viewable via the CAMPEP online MPCEC Repository database. Participants will not receive a hardcopy CAMPEP transcript. Should a participant need a hardcopy of the AAPM 59th Annual Meeting & Exhibition transcript, an individual may order a hardcopy transcript from CAMPEP.

**Medical Dosimetrists**

Following the meeting, AAPM will report the medical dosimetrist credits earned to the MDCB.

![QR Code]

**JOHN SMITH**

MEDICAL PHYSICIST

Company

East Wareham MA

200931
Maintenance of Certification — Self-Assessment Continuing Education Program

Many medical physicists now require Maintenance of Certification (MOC) as defined by the American Board of Radiology:

- At least 75 continuing education (CE) credits are required every 3 years.
- CE credits may be met by a combination of Category 1 credits (CAMPEP or ACCME) and self-directed educational projects (SDEPs).
- At least 25 of the 75 CE credits must be self-assessment CE (SA-CE).
- Other than ABR prequalified self-assessment modules (SAM) and SDEPs, the ABR will count all AMA Category 1 CME activities in “enduring materials” (including web-based and print) and “journal-based CME” formats toward the MOC self-assessment requirement.
- SAM are not required, but can be used to meet the (SA-CE) requirements.

AAPM has elected to offer Self Assessment Modules (SAM) at the Annual Meeting as the mechanism by which attendees can earn SA-CE. In order to earn SA-CE credit you are required to (1) verify your attendance at each SAM session and (2) answer SAM questions online. There is no pass/fail and you will not be graded on your responses.

**NEW!** In an effort to provide increased SAM offerings and to allow the maximum time for speakers to adequately cover presentation content, AAPM has implemented a new SAM Process. It’s simple….

- SAM session attendance will be automatically verified via a Bluetooth Low Energy (BLE) beacon as you enter the session room.
- Complete the SAM session questions using the Online Evaluation System. SAM questions are no longer embedded in SAM presentations, so audience interaction is not needed.

Here’s how to successfully obtain SA-CE credit:

Individuals interested in earning SA-CE credit must register for SAM pre-meeting or onsite.
Have-A-Heart

Kids with heart disease need special care.

And like all children, they are more sensitive to radiation. So when these kids need imaging:

• When appropriate, choose heart ultrasound, MRI or another exam that does not use x-rays
• Child-size CT, fluoroscopy and nuclear medicine exams
• And, during catheterization:
  • lower the frame rate
  • manage dose settings
  • increase the field of view of the image receptor (reduce electronic magnification)
  • lower the image receptor to the patient
  • collimate (reduce the size of the x-ray field)

Medical Imaging Saves Lives

The care we provide now can last a lifetime.
• Stop at the registration counter to pick up your badge and beacon.

• Upon entering a designated SAM session, your attendance will automatically be verified via your beacon. You must attend the entire SAM session to be eligible to obtain SAM credit.

• To obtain credit, you must answer the SAM questions associated with the session in the Online Evaluation System. Your answer does not need to be correct to earn credit, however, you must respond to all questions for the session to earn credit.

• Your responses are a self-assessment of knowledge gained during designated sessions. In the evaluation system, you will be provided with the aggregate of how other participants responded to each question along with your answer.

• The Online Evaluation system will remain open through 11:59 pm ET, Wednesday, September 6, 2017. Evaluations MUST be completed by that time for credits to be earned.

Please note:
SAM sessions are open to all meeting attendees. Individuals who do not need SA-CE credits can attend the sessions and complete the online evaluation to obtain MPCEC credit. SAM questions are not provided to Non-SAM participants.

EVALUATE IN REAL TIME!
• Use a personal smartphone, tablet, or laptop to access the Online Evaluation System in order to evaluate a session and complete SAM questions in real time during the session.

• Each SAM question is available via the meeting website for viewing during the meeting.

INVITED SPEAKER HANDOUTS
Handouts are available for certain presentations via the AAPM website at: www.aapm.org/meetings/2017AM/PRHandouts.asp
Handouts will not be distributed in hard copy on site.

SPEAKER READY ROOM
Room 102, Convention Center
Saturday – Wednesday  7:00 am – 6:00 pm
Thursday  7:00 am – 2:30 pm
Are you hiring or looking to be hired?

Stop by the AAPM Career Services Center, Exhibit Hall A Entrance, Level 2, Convention Center to see what exciting jobs and candidates are available among your fellow meeting attendees. In addition, an interview room is available and open for reservations should you find that perfect candidate.

Staff will gladly assist with reservations, as well as demonstrate and answer questions regarding the online AAPM Career Services site.

www.aapm.org/careers

Available to job seeking and hiring members year-round!
AAPM HEADQUARTERS OFFICE

Quartz, Third Floor

Friday 3:00 pm – 6:00 pm
Saturday – Sunday 7:30 am – 6:00 pm
Monday – Wednesday 8:00 am – 6:00 pm
Thursday 8:00 am – 12:00 Noon

The HQ Office team provides key support to committee volunteers as well as logistical meeting support at the HQ Hotel.

SHOW MANAGEMENT OFFICE

Room 101, Convention Center

Friday – Wednesday 8:00 am – 6:00 pm
Thursday 8:00 am – 12:00 Noon

The Show Management team provides meetings and technical exhibits support at the Convention Center.

AAPM MEMBER RESOURCES

Exhibit Hall A Entrance, Level 2, Convention Center
(303) 228-8426

Sunday – Wednesday 7:00 am – 6:30 pm
Thursday 7:00 am – 3:00 pm

The Member Services team assists with membership and general questions.

AAPM CAREER SERVICES

Exhibit Hall A Entrance, Level 2, Convention Center

Sunday – Wednesday 7:00 am – 6:30 pm
Thursday 7:00 am – 3:00 pm

AAPM Career Services (www.aapm.org/careers) brings medical physics job seekers and hiring employers together via a feature-rich online job site. During the Annual Meeting, the traditional free on-site job listing and resume bulletin boards will be available. In addition, an interview room is available for when you find that perfect candidate. Please see staff to reserve the interview room or for a demonstration or answers to questions regarding the online AAPM Career Services site.
AAPM EDUCATION & RESEARCH FUND
E&R Fund Donors’ Lounge
Exhibit Hall A Entrance, Level 2, Convention Center
Sunday – Wednesday 7:30 am – 6:30 pm
Thursday 7:30 am – 3:00 pm

Individuals who have made a donation of $100 or more to the Education & Research Fund will have access to the Lounge. Comfortable seating, beverages, and electronic charging stations will be available in the E&R Fund Donors’ Lounge.

Make a Contribution
Individuals who wish to make a donation to the AAPM Education and Research Fund can do so at the E&R Fund Donors’ Lounge. For additional information about the AAPM Education and Research Fund, please visit: www.aapm.org/education/edfundintro.asp

HISTORY DISPLAY
Dr. Saul Hertz Discovers The Medical Uses of RAI
Exhibit Hall A Entrance, Level 2, Convention Center
Sunday – Wednesday 7:00 am – 6:30 pm
Thursday 7:00 am – 3:00 pm

Stop by to see how Dr. Saul Hertz brought his groundbreaking research to fruition and established the cornerstone of Nuclear Medicine. The collection includes journal reprints, vivid photos, and the handwritten data charts of the very first patients treated with RAI. Hosted by the AAPM History Committee. Materials supplied by Barbara Hertz, Curator of The Saul Hertz, MD Archives.

First Annual AAPM-Sponsored Science Outreach Event

The AAPM Women’s Professional Subcommittee and the Students and Trainees Subcommittee collaborated on this inaugural effort to stimulate interest in science and give local middle and high school students a unique opportunity. Approximately 30 students will tour our exhibit show floor on Sunday, guided by a diverse group of medical physicist mentors.
Visit the AAPM E&R Fund Donors’ Lounge, Exhibit Hall A Entrance, Level 2, Convention Center to DONATE NOW!

The AAPM Education & Research Fund supports the development of our great profession via the provision of seed money for research, fellowships for PhD students, fellowships for undergraduate students, and grants to support Imaging Physics residencies.

Without contributions from our generous members we would never have been able to provide the now over 100 grants, fellowships, and residencies since the inception of the Fund 22 years ago.

All contributions are tax deductible. Larger donations may be designated for specific fellowships, residencies, travel awards, research, or other suitable purposes.

Give to the AAPM Education & Research Fund
www.aapm.org/education/edfundintro.asp
If you are a voting AAPM member, you will receive an e-ballot for amendment of the AAPM By-Laws shortly after the Annual Meeting in Denver.

This proposal deserves your careful consideration for improving AAPM and hopefully a "YES" vote on the proposed changes. For more information, visit: www.aapm.org/org/governance/

If you have questions about the proposed changes, please come to the Annual Business Meeting and Town Hall Wednesday, August 2 6:15 pm Four Seasons 2.
REGISTRATION

*Lobby A, Street Level, Convention Center*

(303) 228-8425

Registration will be open during the following times:

Saturday – Wednesday 7:00 am – 6:30 pm
Thursday 7:00 am – 3:00 pm

*Beacons*

All scientific attendees will be given a Bluetooth Low Energy (BLE) beacon. This enables AAPM to monitor traffic patterns and enhance customer service. While the beacon is used for attendance tracking for those who require Maintenance of Certification (MOC) SAM, data is anonymized for those attendees who do not require MOC. **All beacons must be returned at the end of the meeting.** Look for bins to drop off your beacon before you head to the airport.

EXHIBIT HOURS: EXHIBIT HALLS A – B

*Level 2, Convention Center*

<table>
<thead>
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<tr>
<td>Sunday</td>
<td>12:30 pm – 5:00 pm</td>
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<td>Monday – Tuesday</td>
<td>9:00 am – 5:00 pm</td>
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<tr>
<td>Wednesday</td>
<td>9:00 am – 2:00 pm</td>
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INTERNET ACCESS

AAPM is providing complimentary Wi-Fi throughout the Colorado Convention Center (AAPM session rooms, Exhibit Hall, and function space). Look for AAPM2017 and use password: bluebearcc

*Internet/CEC Terminals*

Use the terminals to access the Internet and the Online Evaluation System, which must be completed and submitted for continuing education credit.

Location: Foyer, Four Seasons Level

CHARGING STATIONS

Need to charge your phone or other electronic device? Charging stations are available in the Welcome Center in the Exhibit Hall and at the Internet/CEC terminals, Foyer, Four Seasons Level.
WELCOME CENTER

Exhibit Hall, Convention Center
Take some time out to recharge. The Welcome Center offers comfortable seating with access to power and charging stations.

COMPANIONS’ WELCOME CENTER

Room 202, Level 1, Convention Center
A Companions’ Welcome Center is available to registered companions of the AAPM 59th Annual Meeting & Exhibition. A hostess with knowledge of the local attractions will be available to address your questions and interests each morning until 11:00 am.

Sunday – Wednesday 8:00 am – 5:00 pm
Thursday 8:00 am – 11:00 am

Please note: Children 11 and under will not be allowed in the Exhibit Hall or in session rooms.

POSTER DISPLAY AREAS

Exhibit Hall C • ePoster Lounges

NEW and IMPROVED General ePoster Discussions
In addition to the moderated ePosters in the ePoster Theater, we will expand our ePoster capabilities and include ePoster stations throughout the lounge areas in the Exhibit Hall. General ePosters include a select group of high-scoring posters identified by the Program Directors to be of special interest to attendees of the scientific program. This is an alternative to the hardcopy general poster to allow the authors to present their general poster electronically at a large screen display, dedicated to only their poster during a specifically assigned 30-minute timeslot. These General ePoster presentations will occur in the ePoster Theater and throughout the Exhibit Hall promoting lively discussion and scientific exchange.

Poster Set Up
Saturday 8:00 am – 6:00 pm
Sunday 7:00 am – Noon

ePoster Presentations:
Best in Physics (ePoster Theater)
Sunday 3:00 pm – 4:00 pm

Campus (ePoster Theater) Provost will moderate
Sunday 4:00 pm – 5:00 pm
Monday and Tuesday 4:30 pm – 5:30 pm
**General ePoster Discussions**
(ePoster Theater & ePoster Lounges)

- **Sunday**: 3:00 pm – 5:00 pm
- **Monday**: 9:30 am – 10:00 am, 1:15 pm – 1:45 pm, 3:45 pm – 4:15 pm
- **Tuesday**: 9:30 am – 11:00 am, 1:15 pm – 1:45 pm, 3:45 pm – 4:15 pm
- **Wednesday**: 9:30 am – 11:00 am

**ePoster Viewing**

- **Sunday**: 4:00 pm – 6:00 pm
- **Monday – Tuesday**: 9:00 am – 4:30 pm
- **Wednesday**: 9:00 am – 2:00 pm

**General Poster Presentations**

- **Sunday**: 3:00 pm – 6:00 pm

**General Poster Viewing**

- **Sunday**: 12:30 pm – 6:00 pm
- **Monday – Tuesday**: 9:00 am – 6:00 pm
- **Wednesday**: 9:00 am – 2:00 pm

**Poster Tear Down**

- **Wednesday**: 12:15 pm – 2:00 pm

**NEW** Any displays remaining after the designated removal time will be available at our General Poster Pick-Up Counter located in Lobby B on Wednesday at 5:00 pm through the end of the meeting on Thursday.

During exhibit hours, you may enter the Poster Area through the Hall B Main Exhibit entrance. After exhibit hours, you may enter through the Hall C Poster Area entrance.

**LOST AND FOUND**

Return found items to the AAPM Registration Desk. Items will be turned over to Colorado Convention Center Security at the end of each day. If you have lost an item, please check with Registration first; if Registration is closed, call CCC Security at 303-228-8030 or *200 from any house phone.

**FIRST AID OFFICE**

_**E Lobby near Room 507, Convention Center**_

For minor medical issues, you may visit the First Aid Office personally. If you have a medical emergency, please call CCC Security at 303-228-8030 or *200 from any house phone. They will dispatch a medical services provider to your location.
WELLNESS ROOM
Room 604, Level 1, Convention Center
Individuals needing a private room for expressing, nursing, or personal medical reasons may use the Wellness Room. Nursing mothers may also use the Mothers Room located behind AAPM Registration.

MOTHERS ROOM
Saturday – Wednesday, 7:00 am – 6:30 pm
Thursday, 7:00 am – 2:00 pm
Behind Registration, Street Level, Convention Center
Individuals who need a private room for expressing or nursing have two options: the Mothers Room or the Wellness Room.

REFLECTION/PRAYER ROOM
Room 608, Level 1, Convention Center
Saturday – Wednesday 7:30 am – 6:00 pm
Thursday 7:30 am – 3:00 pm

LUGGAGE STORAGE SERVICE
Room 106, Convention Center • $3/bag
Saturday – Wednesday 7:00 am – 6:30 pm
Thursday 7:00 am – 3:00 pm

FOLLOW US ON INSTAGRAM!
www.instagram.com/aapmHQ/
See photos from AAPM HQ and attendees of the AAPM Annual Meeting all week.
Keep up with all of the AAPM Annual Meeting posts by following us on Instagram!
EXHIBIT HALL CONCESSIONS

Food and beverages will be available for purchase in the Exhibit Hall.

Sunday – Tuesday 12:30 pm – 3:30 pm
Wednesday 12:00 pm – 2:00 pm

COMPLIMENTARY FOOD SERVICE

Lunch Vouchers

Each Scientific Attendee at the Annual Meeting will receive TWO lunch vouchers with their registration materials. Redeem your lunch vouchers in one of the two designated areas in Exhibit Halls A-B (see Technical Exhibits Map). Vouchers are valid Monday and Tuesday only, between 12:15 pm – 1:45 pm.

Voucher Options

- Monday, July 31
  Vegetarian/GF: Arugula, Black & White Quinoa, Orange Segments, Fresh Blueberries, Sherry Vinaigrette
  Regular: Chicken Caesar Salad with Parmesan Cheese, Marinated Cherry Tomatoes, Kalamata Olive Pieces, Creamy Caesar Dressing

- Tuesday, August 1
  Vegetarian/GF: Roasted Cauliflower and Lentil Salad with Dates, Red Onion, Toasted Almonds, Honey Yogurt Vinaigrette, Baby Spinach
  Regular: Shaved Boars Head Mesquite Turkey with Tomatoes, Lettuce, Provolone Cheese, Pesto Aioli on a Spinach Wrap

Includes Choice of Bags of Chips and Soda or Bottled Water

Refreshment Breaks

Complimentary food and beverages will be served in designated areas as follows:

**Exhibit Hall Break Areas**

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<th>Day</th>
<th>Monday – Tuesday</th>
<th>Wednesday</th>
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</thead>
<tbody>
<tr>
<td>Time</td>
<td>9:30 am – 10:15 am</td>
<td>9:30 am – 11:00 am</td>
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<td>3:45 pm – 4:30 pm</td>
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**B Lobby**

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Wednesday</td>
<td>3:45 pm – 4:30 pm</td>
</tr>
<tr>
<td>Thursday</td>
<td>9:30 am – 10:00 am</td>
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</tbody>
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**B Lobby**

Thursday Boxed Luncheon 12:00 Noon – 12:50 pm
AAPM CHAPTERS:
HISTORICAL POSTERS

SUNDAY – THURSDAY
HALL A ENTRANCE, LEVEL 2, CONVENTION CENTER

The AAPM History Committee would like to thank the following AAPM Chapters for preparing historical posters. Posters of historical record are important to AAPM and to its members as a means of reflection and pride from which such historical facts and past individual efforts can be shared to its members nationally. Posters are available for viewing Sunday – Thursday in the Convention Center.

- **Connecticut Chapter:** G. Cardarelli, J. Kim, C. Tien, L. Fu, D. Carlson, A. Nunn, D. Fortunato, Z. Chen
- **Delaware Valley Chapter:** A. Maidment, A. Harrison, C. Peng, E. Garver, P. Salanitro, Y. Xiao
- **Florida Chapter:** K. Hintenlang, T. Willoughby, P. Patton, M. Studenski, W. Sensakovic, K. Padgett
- **Great Lakes Chapter:** C. Glide-Hurst, L. Zhuang, D. Lack, S. Gardner, M. Huberts
- **Mid-Atlantic Chapter:** L. Myers, B. Hasson, T. McNutt, M. Jacobs, H. Chung, Y. Wang, C. Yu
- **Missouri River Valley Chapter:** D. Wang, M. Zhang, S. Yaddanapudi, A. Mensah-Brown, B. Dirksen
- **North Central Chapter:** P. Hill, M. Kowalok, W. Culberson, P. Yadav
- **Northwest Chapter:** L. Sweeney, C. Holloway, T. Blackwell
- **Ohio River Valley Chapter:** N. Sperling, W. Luo, A. Cetnar, P. Sandwall, M. Gossman
- **Penn-Ohio Chapter:** K. Wilson, V. Colussi, D. Jordan, K. Bladget, R. Siouchi, A. Godley
- **San Francisco Bay Chapter:** O. Morin, J. Perks, C. Chuang, S. Benedict, B. Fahimian
- **Southeastern Chapter:** B. Sintay, C. Mart, P. Sprawls
- **Southwest Chapter:** D. Gress, C. Baird, S. McCullough, B. Parker, R. Tarver
- **Upstate New York Chapter:** L. Kumaraaswamy, M. Shaikh, D. Nazareth, V. Patel, I. Wang
TICKETS ARE REQUIRED FOR EVENTS
Registrants may purchase an unlimited number of social function tickets to attend the AAPM Awards Ceremony and Reception and the Night Out event. You do not need to be registered for the meeting to attend either function. Companions must be registered to enter the Exhibit Hall.

AAPM AWARDS CEREMONY & RECEPTION
Centennial Ballroom, Third Floor, Hyatt Regency
Monday, July 31 • 6:30 pm – 8:00 pm
Followed by a Reception, 8:00 pm – 9:00 pm,
Capitol Ballroom, Fourth Floor
Recipients of special awards will be honored during a ceremony, followed by a wine and cheese reception.

NIGHT OUT: DENVER ART MUSEUM
100 W. 14th Avenue Pkwy
Tuesday, August 1 • 6:30 pm – 10:00 pm
The 2017 Night Out will not be a dinner event.

You are encouraged to meet your colleagues at the venue for limited light snacks and then make your way to one of the many restaurants in the area for dinner. Or, dine first and make your way to the event for a bite of something sweet at the end of the evening! Either make reservations on your own or with help from the Information Desk at the Convention Center.

Buses will depart from the Welton Street entrance of the Convention Center and loop continually to the Denver Art Museum. If you decide to walk (.8 mile), look for guides along your way. Don’t forget your ticket!

Please note: Each adult Night Out ticket will include one drink ticket, good for beer or a glass of wine. Once your ticket is used, cash will be accepted. Non-alcoholic drinks will not require a ticket.
THANK YOU!

AAPM would like to express its sincere thanks to the following exhibitors for their contributions and support of the 2017 AAPM Annual Meeting & Exhibition:

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Attendee Tote Bags

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• 3069, Ludlum Medical Physics  
• 3073, DOSIsoft  
• 3092, 3D Bolus, Inc.  
• 3093, ZapIT! Medical  
• 3094, K & S Associates  
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• 4009, ViewRay, Inc.  
• 4017, D3 Oncology Solutions  
• 4051, Standard Imaging, Inc.  
• 4060, Oncology Systems Limited  
• 4061, Ashland  
• 4062, Theragenics Corporation  
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• 4069, CDR Systems  
• 4070, American College of Radiology  
• 4072, Bionix Radiation Therapy  
• 4073, Bard Medical  
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• 5000, RTI Electronics, Inc.  
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3092

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The American Board of Medical Physics certifies physicists and related scientists to practice clinical medical physics. Currently, certification is offered in two specialties: Medical Health Physics, and MRI Physics.

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Crux Quality Solutions, (CruxQSTM) is a global software product design and services company. With a focus on oncology, our mission is to deliver innovative technologies & service models with the primary goal of making cancer care affordable, accessible and safe. CruxQSTM has built three software products FlowBoard™, Equate™ and Gurukkul™, and several service-based programs such as Medical Physics Consulting, SafetyNet™ and OnDemand Dosimetry™.

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RAM 9:30–11:00

Professional Therapy Education Certificate Course

Program at a Glance | Wednesday, August 2

Room 205
Room 108
Room 402
Room 601
Room 702
Room 708
Exhibit Hall C

A 7:30–8:20

SAE Joining Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Room 205

SAE Joint Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Moderator: M McNitt-Gray

LA 8:30–9:30

SAE Joint Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Moderator: M McNitt-Gray

B 7:30–8:20

SAE Joint Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Moderator: M McNitt-Gray

C 8:30–9:30

SAE Joint Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Moderator: E Krupinski

D 9:30–10:00

SAE Joint Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Moderator: M McNitt-Gray

E 10:15–11:00

SAE Joint Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Moderator: E Krupinski

F 11:15–12:15

SAE Joint Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Moderator: M McNitt-Gray

G 12:15–1:45 Lunch Break + Visit the Technical Exhibits (NOTE: Posters close at 12:15 pm and Exhibits close at 2:00 pm)

H 1:45–2:45

SAE Joint Imaging Physics: Volume and Modulation Transfer Function (MfMC), Radiation Therapy, Medical Physics

Moderator: M McNitt-Gray

I 2:45–3:45 Refreshment Break (B Lobby, Street Level)

J 3:45–4:30 Breakout Session (B Lobby, Street Level)

K 4:30–5:30 Breakout Session (B Lobby, Street Level)

L 5:30–6:30 Breakout Session (B Lobby, Street Level)

M 6:30–7:30 Breakout Session (B Lobby, Street Level)

N 7:30–8:30 Breakout Session (B Lobby, Street Level)

O 8:30–9:00 Breakout Session (B Lobby, Street Level)

P 9:00–10:00 Breakout Session (B Lobby, Street Level)

Q 10:00–11:00 Breakout Session (B Lobby, Street Level)

R 11:00–12:00 Breakout Session (B Lobby, Street Level)

S 12:00–1:00 Breakout Session (B Lobby, Street Level)

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VVV 7:00–8:00 Breakout Session (B Lobby, Street Level)

WWW 8:00–9:00 Breakout Session (B Lobby, Street Level)

XXX 9:00–10:00 Breakout Session (B Lobby, Street Level)

YYY 10:00–11:00 Breakout Session (B Lobby, Street Level)

ZZZ 11:00–12:00 Breakout Session (B Lobby, Street Level)
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### Program at a Glance | Thursday, August 3

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**J 9:30-10:00 Coffee Break (D Lobby, Street Level)**

**J 12:00-12:50 Boxed Lunch (B Lobby, Street Level)**

**Closing of Meeting**

See you next year in Nashville, TN July 29–August 2, 2018
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7:30 am – 9:30 am
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Wednesday, August 2 • 7:30 am – 6:00 pm
Room 205

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