**Preliminary Agenda**

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| **Wednesday, June 6, 2018****Pre-Physics WorkshopModern & Sophisticated vs Simple & Efficient: Why Not Have Both?** |
| 8:00 am – 5:00 pm**Plaza A Foyer** | **Registration** |
| 8:45 am – 9:00 am**Plaza A** | **Welcome** |
| 9:00 am – 9:30 am**Plaza A** | **How to Best Use MR For GYN HDR When MR Availability is Limited** Mahta M. McKee, MS |
| 9:30 am – 10:00 am**Plaza A** | **What is The Best Use of MR for GYN HDR if You Do Have MR Available**Firas Mourtada, PhD, DABR, FAAPM |
| 10:00 am – 10:30 am**Plaza A** | **Break** |
| 10:30 am – 11:00 am**Plaza A** | **Treatment Planning and Dose Optimization for GYN**Adam M. Cunha, PhD |
| 11:00 am – 11:30 am**Plaza A** | **Adding Effects From Multiple Fractions? Difficult, Impossible or Useless?**Dorin A. Todor, PhD |
| 11:30 am – 11:45 am**Plaza A** | **Q & A** |
| 11:45 am – 12:45 pm**Plaza A** | **Lunch***Sponsored in Part By:*https://www.americanbrachytherapy.org/meetings/annual2018/images/Elekta_logo.jpg        https://www.americanbrachytherapy.org/meetings/annual2018/images/varian.jpg |
| 12:45 pm – 1:45 pm**Plaza A** | **Treatment Planning for Prostate HDR Today — Too Many Ways Going Forward or One Way of Standing Still? US vs CT. Comparing Advantages and Disadvantages.**Mahta M. McKee, MSDorin A Todor, PhD |
| 1:15 pm – 2:45 pm**Plaza A** | **Use of MR and mpMR in the Context of HDR Prostate. "Best of" Scenarios. Where Should We Be Going?!**Antonio L. Damato, PhDMichael J. Zelefsky, MD |
| 2:45 pm – 3:00 pm**Plaza A** | **Break** |
| 3:00 pm – 3:30 pm**Plaza A** | **Update from the AAPM/ABS TG-303: MRI-based Prostate and GYN Brachytherapy** Firas Mourtada, PhD, DABR, FAAPM |
| 3:30 pm – 5:00 pm**Plaza A** | **Round Table Discussion with Vendors and Experts***(interactive session with audience)*Elekta RepresentativesSean LooneyMaarten ter MorsVarian RepresentativeSharon Thompson, MS, DABR |
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| **Thursday, June 7, 2018** |
| 7:00 am – 5:30 pm**Yosemite Foyer** | **Registration** |
| 7:15 am – 7:00 pm**Grand Ballroom B** | **Commercial Exhibits** |
| 7:15 am – 7:55 am**Grand Ballroom B** | **Continental Breakfast** |
| 7:15 am – 7:45 am**Grand Ballroom B** | **ePoster Walk (Exhibit Hall)** |
| 7:55 am – 8:00 am**Grand Ballroom A** | **Welcome** |
| 8:00 am – 9:00 am**Grand Ballroom A** | **Prostate Session I:Advanced Imaging in Prostate Cancer: Opportunities for the Brachytherapist**

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| Moderator: | Steven J. Frank, MD |
| Speakers: | **Multi-parametric MRI 30**Alison D. Sheridan, MD**PET Based Imaging**Thomas A. Hope, MD**Advanced Imaging Integration for Radiation Oncologist**Brian J. Davis, MD, PhD |

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| 8:00 am – 9:00 am**Imperial Ballroom** | **SCIENTIFIC SESSION: GYN Proffered I**

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| Moderators: | Emma Fields, MDDavid K. Gaffney, MD, PhD, FACR |

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| 9:00 am – 10:00 am**Imperial Ballroom** | **SCIENTIFIC SESSION: Prostate Proffered Papers I**

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| Moderators: | Albert J. Chang, MD, PhDGerard C. Morton, MD |

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| 9:00 am – 10:00 am**Grand Ballroom A*****Live SA-CME Session*** | **GYN Session I:Image Guidance Techniques for Brachytherapy**

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| Moderator: | Diandra N. Ayala-Peacock, MD |
| Speakers: | **CT**Junzo P. Chino, MD**MRI**Matthew M. Harkenrider, MD**Ultra Sound**I-Chow Hsu, MD |

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| 10:00 am – 10:30 am**Grand Ballroom B** | **Refreshment Break** |
| 10:00 am – 10:30 am**Grand Ballroom B** | **ePoster Walk (Exhibit Hall)** |
| 10:30 am – 11:30 am**Imperial Ballroom*****Live SA-CME Session*** | **Skin Session I:Clinical and Technical Aspects of Skin Brachytherapy**

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| Moderator: | Parag R. Sanghvi, MD, MSPH |
| Speakers: | **Physician Perspective**Anna Likhacheva, MD, MPH**Physicist Perspective**Daniel J. Scanderbeg, PhD |

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| 10:30 am – 11:30 am**Grand Ballroom A** | **Breast Session I:Individualizing Breast Brachytherapy Treatment Recommendations**

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| Moderator: | Bethany M. Anderson, MD |
| Speakers: | **Multicatheter Interstitial HDR**Robert R. Kuske Jr., MD **Single-entry Catheter HDR**Catheryn M. Yashar, MD, FACRO**Accuboost (NIBB)**Jaroslaw T. Hepel, MD**Pd-103 PBSI**Juanita M. Crook, MD, FRCPC |

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| 11:30 am – 12:45 pm**Yosemite Ballroom** | **Lunch Symposium: Growing your Brachytherapy Programs: Leveraging Clinical Data, Clinician Relationships and Digital Efforts***Sponsored By:*https://www.americanbrachytherapy.org/meetings/annual2018/images/Isoray_Logo_sponsor.jpg |
| 11:30 am – 12:45 pm**Plaza B** | **Lunch Symposium: Enabling Improved Brachytherapy Workflows with Qfix Symphony™ Patient Transport**Firas Mourtada, PhD, DABR, FAAPM "MR-HDR for GYN Workflow With the QFix Symphony Patient Transport System - a Community Cancer Center Experience"Ananth Ravi, PhD, MCCPM "Enabling Technologies for Efficient Cervix Brachytherapy Workflows"*Sponsored By:*https://www.americanbrachytherapy.org/meetings/annual2018/images/qfix_Logo_sponsor.jpg |
| 11:30 am – 12:45 pm**Plaza A** | **Resident Luncheon (Residents Only)***Sponsored By:*https://www.americanbrachytherapy.org/meetings/annual2018/images/Theragenics_logo.jpg |
| 12:45 pm – 1:45 pm**Grand Ballroom A*****Live SA-CME Session*** | **Miscellaneous Session I:Sexual Function after Prostate and Gynecologic Brachytherapy**

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| Moderators: | Matthew L. Scala, MD |
| Speakers: | **Prostate Brachytherapist Perspective**Michael J. Zelefsky, MD**Urology Viewpoint**John P. Mulhall, MD**Gynecologic Radiation Oncology Perspective**Anuja Jhingran, MD**Gynecologic Oncology Perspective**Vanessa A. Kennedy, MD |

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| 12:45 pm – 1:45 pm**Imperial Ballroom** | **Physics Session I:Technologic Advances in Brachytherapy Physics**

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| Moderator: | Firas Mourtada, PhD, DABR, FAAPM |
| Speakers: | **EM Tracking**Adam Cunha, PhD**Intensity Modulated Brachytherapy**Ryan T. Flynn, PhD**3D Printing**Ananth Ravi, PhD |

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| 1:45 pm – 2:45 pm**Imperial Ballroom*****Live SA-CME Session*** | **Physics Session II:Challenging Our Dosimetric Preconceptions**

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| Moderators: | Adam M. Cunha, PhD |
| Speakers: | **Modeling Biologic Effective Dose**Zhe Chen, PhD, FAAPM**Dosimetric Constraints**Dorin A. Todor, PhD |

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| 1:45 pm – 2:45 pm**Grand Ballroom A** | **Miscellaneous II:Creating a culture: Optimizing Quality Assurance of Brachytherapy Treatment and Delivery**

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| Moderator: | Michael R. Folkert, MD, PhD |
| Speakers: | **Approaches for Smaller Practices**Daniel G. Petereit, MD**Approaches for Larger Practices**Philip M. Devlin, MD, FACR, FASTRO**Approaches Utilizing Virtual Peer Review**Patricia H. Hardenbergh, MD**Considerations of Physics in Peer Review**Daniel J. Scanderbeg, PhD |

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| 2:45 pm – 3:45 pm**Imperial Ballroom** | **SCIENTIFIC SESSION: Physics Proffered Papers**

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| Moderators: | Sang-June Park, PhDMark J. Rivard, PhD, FAAPM |

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| 2:45 pm – 3:45 pm**Grand Ballroom A*****Live SA-CME Session*** | **Overview of Recent Medical Events and Update on the Proposed Rules**

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| Moderator: | Timothy Showalter, MD |
| Speakers: | Zoubir Ouhib, MS, DABRKatherine Tapp, PhD |

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| 3:45 pm – 4:15 pm | **Refreshment Break** |
| 4:15 pm – 5:15 pm**Grand Ballroom A** | **SCIENTIFIC SESSION: Miscellaneous Proffered Papers**

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| Moderators: | Matthew Biagioli, MDMichael L. Wong, MD |

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| 5:15 pm – 6:15 pm**Grand Ballroom A** | **SCIENTIFIC SESSION: Physics Snap Orals**

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| Moderator: | Gil´ad N. Cohen, PhDChristopher L. Deufel, PhDDaniel J. Scanderbeg, PhD |

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| 4:15 pm – 6:15 pm**Franciscan A/B** | **GYN Contouring and Planning Workshop (Cervix)**

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| Moderators: | Beth A. Erickson, MD, FACR, FASTRO, FABSAkila N. Viswanathan, MD, MPH |
| Speakers/Circulators: | Marc Morcos, PhDJason Rownd, MS |

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| 4:15 pm – 6:15 pm**Franciscan C** | **Prostate Contouring Workshop**

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| Moderator: | Juanita Crook, MD |
| Speakers: | **TRUS**Gerard Morton, MD**CT**Juanita Crook, MD**MRI**Patrick McLaughlin, MD |
| Circulators: | Brian Davis, MDSteven Frank, MDPeter F. Orio III, DO, MSThomas Pugh, MD |

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| 4:15 pm – 6:15 pm**Franciscan D** | **Skin Contouring Workshop**

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| Moderator: | Parag Sanghvi, MD |
| Circulators: | Ajay Bhatnagar, MDPhilip Devlin, MDAnna Likhacheva, MD |

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| 6:15 pm – 7:15 pm**Grand Ballroom B** | **Welcome Reception & Poster Review with Exhibits** |
| 6:15 pm – 7:15 pm**Grand Ballroom B** | **ePoster Walk (Exhibit Hall)** |
| **Friday, June 8, 2018** |
| 7:00 am – 5:45 pm**Yosemite Foyer** | **Registration** |
| 7:15 am – 5:00 pm**Grand Ballroom B** | **Commercial Exhibits** |
| 7:15 am – 8:00 am**Grand Ballroom B** | **Continental Breakfast** |
| 7:15 am – 7:45 am**Grand Ballroom B** | **ePoster Walk (Exhibit Hall)** |
| 7:55 am –8:00 a**Grand Ballroom A** | **Welcome to Day 2** |
| 8:00 am – 9:00 am**Grand Ballroom A*****Live SA-CME Session*** | **Prostate Session II:SBRT Will Replace Brachytherapy as a Radiation Boost for Localized Prostate Cancer**

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| Moderator: | Michael J. Zelefsky, MD |
| Speakers: | **Pro SBRT**Howard Sandler, MDMichael R. Folkert, MD, PhD**Pro Brachytherapy**Juanita M. Crook, MD, FRCPCMack Roach, MD, FACR |

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| 8:00 am – 9:00 am**Imperial Ballroom** | **GYN Session II:Frontiers in Gynecological Brachytherapy**

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| Moderator: | Kevin V. Albuquerque, MDPatricia Eifel, MD |
| Speakers: | **Translational Biomarker and Imaging Initiatives**Stephanie Markovina, MD, PhD**Immunotherapy and Brachytherapy**Jyoti S. Mayadev, MD**Intensity Modulated Brachytherapy**William Song, PhD**GYN Microbiome and Brachytherapy**Ann Klopp, MD |

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| 9:00 am –10:00 am**Grand Ballroom A*****Live SA-CME Session*** | **Socioeconomic Session I:The Shifting Landscape of Brachytherapy Utilization and Reimbursement**

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| Moderators: | Ben Durkee, MD, PhDNikhil Thaker, MD |
| Speakers: | **Physician Perspective**Peter F. Orio III, DO, MS**Administrator/Payor Perspective**Marcus Garcia**Health Care Policy and Payment Reform Perspective**Dave Adler |

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| 9:00 am – 10:00 am**Imperial Ballroom** | **GYN Proffered Papers II**

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| Moderators: | Junzo P. Chino, MDScott M. Glaser, MD |

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| 10:00 am –10:30 am**Grand Ballroom B** | **Coffee Break** |
| 10:00 am –10:30 am**Grand Ballroom B** | **ePoster Walk (Exhibit Hall)** |
| 10:30 am – 11:00 am**Grand Ballroom A** | **Presidential Address**

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| Catheryn Yashar*President, ABS* |

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| 11:00 am – 11:15 am**Grand Ballroom A** | **Fellow Induction**The Board of Directors of the American Brachytherapy Society congratulates the 2018 class of ABS Fellows (FABS). This is a significant designation bestowed by the ABS, and is a tribute to the following recipients for their contributions and accomplishments in the field of brachytherapy.Wayne M. Butler, PhDPhilip M. Devlin, MD, FACRDavid K. Gaffney, MD, PhD, FACRRobert R. Kuske, Jr., MDBrian J. Moran, MDZoubir Ouhib, MS, DABRLouis Potters, MD, FACRMark J. Rivard, PhD, FAAPMBruce R. Thomadsen, PhD, DABRAkila N. Viswanathan, MD, MPH |
| 11:15 am – 12:15 pm**Grand Ballroom A** | **Keynote Address**

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| **Tom Kelley**Best-Selling Author and Global Leader in Innovation in Technology and Healthcare |

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| 12:15 pm –1:30 pm**Plaza Ballroom** | **ABS Members Lunch and Annual Business Meeting**(Event for ABS members only)*Sponsored By:*https://www.americanbrachytherapy.org/meetings/annual2018/images/Theragenics_logo.jpg |
| 1:30 pm – 2:30 pm**Grand Ballroom A** | **PLENARY SESSION: Top Four Abstracts***Judith Stitt Awards Sponsored by:*https://www.americanbrachytherapy.org/meetings/annual2018/images/Elekta_logo.jpgVienna Ii Ring Applicator for Distal Parametrial Disease in Cervical Cancer Image Guided Brachytherapy: Clinical Feasibility and Outcome in a Two-Institutional SettingAlina Sturdza, MDMedical University of ViennaShort Course Accelerated Hypofractionated Partial Breast Balloon BrachytherapyJenna M. Kahn, MDVirginia Commonwealth University Health SystemEarly Experience with Brachytherapy Model-Based Dose Calculation Algorithm: Commissioning and Retrospective Comparison with Historical TemplateChristopher J. Tien, PhDYale University School of Medicine5-year Outcomes of a Single Institution Prospective Trial of 19 Gy Single Fraction High Dose Rate Brachytherapy for Low and Intermediate Risk Prostate CancerDaniel J. Krauss, MDBeaumont Health |
| 2:30 pm – 3:00 pm**Grand Ballroom A** | **ABS Henschke Award***Sponsored By:*https://www.americanbrachytherapy.org/meetings/annual2018/images/bestmedical_sm.jpg |
| 3:00 pm – 4:00 pm**Imperial Ballroom** | **SCIENTIFIC SESSION: Socioeconomic Proffered Papers**

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| Moderators: | Ben Durkee, MD, PhDNikhil Thaker, MD |

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| 3:00 pm – 4:00 pm**Grand Ballroom A** | **Physics Session III:Creative but Simple Solutions for HDR You Can Implement in Your Clinic**

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| Moderator: | Adam M. Cunha, PhD |
| Speakers: | **Post-prostatectomy Local Recurrence HDR**Bradley R. Prestidge, MD, MSAtef Omari, MSc**Interstitial GYN HDR**I-Chow Hsu, MDAdam M. Cunha, PhD**Complex Skin HDR**Rashmi Benda, MDMichael E. Kasper, MDZoubir Ouhib, MS, DABR |

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| 3:00 pm – 4:00 pm**Plaza Ballroom** | **Integrating Social Media into your Practice**

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| Moderator: | Chirag S. Shah, MD |
| Speakers: | Brett W. Cox, MDMiriam A. Knoll, MDDrew Moghanaki, MD, MPH |

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| 4:00 pm – 4:15 pm**Grand Ballroom B** | **Refreshment Break** |
| 4:00 pm – 4:15 pm**Grand Ballroom B** | **ePoster Walk (Exhibit Hall)** |
| 4:15 pm – 5:15 pm**Grand Ballroom A** | **SCIENTIFIC SESSION: Breast Snap Orals**

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| Moderators: | Alfredo I. Urdaneta, MDRakesh R. Patel, MD |

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| 5:15 pm – 6:15 pm**Grand Ballroom A** | **SCIENTIFIC SESSION: Miscellaneous Snap Orals I**

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| Moderators: | Subhakar Mutyala, MD, MPHKunal Saigal, MD |

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| 4:15 pm – 6:15 pm**Franciscan A/B** | **GYN Contouring and Planning Workshop (Vaginal)**

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| Moderators: | Adam Cunha, PhDJyoti Mayadev, MDDaniel Scanderbeg, PhDI-Chow Hsu, MD |
| Circulator: | Brandon A. Dyer, MDArno J. Mundt, MD, FASTRO, FACRO |

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| 4:15 pm – 6:15 pm**Franciscan C** | **Prostate Planning Workshop**

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| Moderator: | Juanita Crook, MD |
| LDR Clinical Resource: | Mira Keyes, MD |
| HDR Presentation: | Deidre Batchelar, MD |
| Circulators: | Wayne Butler, PhDFiras Mourtada, PhD, DABR, FAAPMZoubir Ouhib, MS |

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| 4:15 pm – 6:15 pm**Franciscan D** | **Socioeconomic Workshop: How Do We Measure the Costs of Brachytherapy? An Introduction to Billing/ Coding and Time-Driven Activity-Based Costing**

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| Moderator: | Nikhil Thaker, MD |
| Floating Facilitator: | Ben Durkee, MD |
| Speakers: | **Introduction to Billing/Coding for Brachytherapy**Peter F. Orio III, DO, MSCatheryn M. Yashar, MD**Introduction to Time Driven Activity Based Costing in Brachytherapy**Steven Frank, MDMitchell Kamrava, MDNikhil Thaker, MD |

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| 4:15 pm – 6:15 pm**Yosemite C** | **Practical Techniques for Gynecologic Brachytherapy Applicator Insertion**

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| Moderators: | Melissa Joyner, MDAnn Klopp, MDLisa Singer, MD, PhD |

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| **Saturday, June 9, 2018** |
| 7:00 am – 1:00 pm**Yosemite Foyer** | **Registration** |
| 7:15 am –11:00 am**Grand Ballroom B** | **Commercial Exhibits** |
| 7:15 am – 8:00 am**Grand Ballroom B** | **Continental Breakfast** |
| 7:15am –7:45 am**Grand Ballroom B** | **ePoster Walk (Exhibit Walk)** |
| 7:55 am – 8:00 am**Grand Ballroom A** | **Daily Recap** |
| 8:00 am – 9:00 am**Imperial Ballroom** | **Miscellaneous Session III:Brachytherapy as a Reirradiation Option for Prostate, Gynecologic, Breast and Head and Neck Cancers**

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| Moderator: | Mitchell Kamrava, MD |
| Speakers: | **Prostate**Marisa A. Kollmeier, MD**GYN**Akila N. Viswanathan, MD, MPH**Breast**Douglas W. Arthur, MD**Head and Neck**Mitchell Kamrava, MD |

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| 8:00 am – 9:00 am**Grand Ballroom A*****Live SA-CME Session*** | **Breast Session II:Prospective Data in Partial Breast Irradiation**

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| Moderator: | Chirag S. Shah, MD |
| Speakers: | **RCTs & High-quality Nonrandomized Prospective Trials for Brachytherapy**Bethany M. Anderson, MD**RCTs For Non-Brachytherapy PBI Modalities**Kathleen Horst, MD |

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| 9:00 am –10:00 am**Grand Ballroom A** | **Prostate Session III:Incorporation of ADT and/or Supplemental EBRT to Prostate Brachytherapy: Who, What, When, Where, Why, and How**

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| Moderator: | Mack Roach, MD, FACR |
| Speakers: | **Adding Androgen Deprivation to Prostate Brachytherapy**Mira Keyes, MD, FRCPC**Adding EBRT to Prostate Brachytherapy**Bradley R. Prestidge, MD, MS**New Biologic Approaches Targeting Androgen Signaling in Prostate Cancer**Felix Feng, MD |

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| 9:00 am – 10:00 am**Imperial Ballroom** | **SCIENTIFIC SESSION: Breast Proffered Papers**

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| Moderators: | Douglas W. Arthur, MDJessica M. Schuster, MD |

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| 10:00 am –10:30 am**Grand Ballroom B** | **Refreshment Break** |
| 10:00 am –10:30 am**Grand Ballroom B** | **ePoster Walk** |
| 10:30 am – 11:30 am**Imperial Ballroom** | **SCIENTIFIC SESSION: Prostate Proffered Papers II**

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| Moderators: | Brian J. Davis, MD, PhDBrian J. Moran, MD |

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| 10:30 am – 11:30 am**Grand Ballroom A*****Live SA-CME Session*** | **GYN Session III:Workflow Efficiency and Value in Gynecologic Brachytherapy**

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| Moderator: | Kristin A. Bradley, MD |
| Speakers: | **Workflow**Timothy N. Showalter, MD, MPH**Quality Assurance and Methods for Workflow**Antonio L. Damato, PhD**Online Learning and Efficiency**Derek W. Brown, PhD**Design Consideration for an Image Guided Brachytherapy Suite**Stanley Benedict, PhD |

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| 11:30 am – 12:30 pm**Grand Ballroom A** | **SCIENTIFIC SESSION: Prostate Snap Orals**

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| Moderators: | Patrick W. McLaughlin, MDPeter J. Rossi, MD |

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| 11:30 am – 12:30 pm**Imperial Ballroom** | **SCIENTIFIC SESSION: GYN Snap Orals**

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| Moderators: | Sushil Beriwal, MD, MBANeil K. Taunk, MD, MS |

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| 11:30 am – 12:30 pm**Plaza Ballroom** | **SCIENTIFIC SESSION: Miscellaneous Snap Orals II**

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| Moderators: | Anna Likhacheva, MD, MPHParag R. Sanghvi, MD, MSPH |

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| 12:30 pm | **2018 Annual Meeting Adjourns** |