# Imaging Researchers Workshop

**Thursday, October 4, 2012**  
Ritz Carlton – Pentagon City, Arlington, VA

**Agenda Imaging Investigator Program**

**Registration 6:30 a.m.  Continental Breakfast 7:00 a.m.**

**(Conference Room – Salon I)**

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| **Morning Sessions** 8:00 – 9:15 a.m. | The role of imaging in oncology trials  
  - Imaging as a biomarker  
    - Providing prognostic and predictive information  
    - Guiding cancer treatment selection  
    - Evaluating treatment response  
    - Guiding therapy modification and adaptive therapy  
  - Methods for the evaluation of imaging biomarkers  
  - Imaging in radiation oncology  
  - Imaging screening and surveillance | Michael Knopp, MD, PhD  
  Constantine Gatsonis, PhD  
  Mitchell Machtay, MD  
  Denise Aberle, MD |
| 9:15 – 9:30 a.m.  | **Break**                                                             |                         |
| 9:30 – 11:05 a.m. | Performance of advanced imaging in clinical trials  
  - RECIST and Beyond  
  - Quantitative / Semi-Quantitative imaging methods  
    - FDG-PET;  
    - DCE, DWI, DTI, MRSI;  
  - Incorporating new imaging markers/agents  
  - Image-based phenotyping | Nathan Hall, MD, PhD  
  Paul Kinahan, PhD  
  Daniel Barboriak, MD  
  David Mankoff, MD, PhD  
  Maryellen Giger, PhD |
| 11:05 – 11:30 a.m. | **Panel Discussion**  
  Prioritizing Cancer Marker Development | Panelists:  
  Anthony Shields, MD, PhD  
  Barry Siegel, MD  
  Peter O’Dywer, MD  
  Richard Wahl, MD  
  Mitchell Machtay, MD |
| 11:30 – 12:30 p.m. | **Lunchtime Presentation**  
  (Combined groups Session)  
  What it takes to be a successful imaging research site  
  - The Academic Experience  
    - Resource strategies  
    - Institutional collaboration  
    - Financial considerations  
  - The Community Imaging Setting Experience  
    - Engaging resources and practice commitment  
    - Financial considerations  
    - Benefits for a community group | Barry Siegel, MD  
  Andrew Sherrick, MD |
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| **Afternoon Sessions**  
12:30 – 1:40 p.m. | Programs Advancing Imaging Research  
(Group representatives will present information about the organization’s purpose and near-term priorities) | Paul Kinahan, PhD  
Laurence Clarke, PhD  
Michael Knopp, MD, PhD  
Lalitha Shankar, MD, PhD  
Steven Larson, MD  
Gary Kelloff, MD  
C. Carl Jaffe, MD |
| 1:40 – 2:00 p.m. | Break                                                                |                                |
| 2:00 – 4:00 p.m. | Current and future clinical research priorities across the NCTN  
(Group representatives will present: 1) one or two priority trials underway and/or in development that have a key imaging component, 2) the group’s imaging opportunities and challenges) | Mitchell Schnall, MD, PhD  
Michael Knopp, MD, PhD  
Nathan Hall, MD, PhD  
Mitchell Machtay, MD  
Charles Kunos, MD, PhD  
Steve Cho, MD  
Sarah Nelson, PhD  
Tina Young-Poussaint, MD |
| 4:00 – 4:15 p.m. | Wrap up & Comments                                                   | Mitchell Schnall, MD, PhD      |

*Imaging Investigator Workshop CME Credits: 6.75 Category A credits awarded*