2014 Arizona Chapter of the AAPM Annual Meeting Schedule April 26, 2014

8:30-9:00 AM  Continental Breakfast and Registration

9:00-9:15 AM  Welcome
   Steve Sapareto – Banner MD Anderson Cancer Center/President of AzAAPM

9:15-10:45 AM  CT Dose Session
   Implementation of CT dose reporting in the University of California System
      J. Anthony Seibert, PhD – University of California Davis
   CT Dose Reduction at the Mayo Clinic Scottsdale
      William Pavlicek, PhD – Mayo Clinic Arizona

10:45-11:00 AM  Break

11:00-11:45 AM  MR Implementation in Radiation Therapy
   David Jaffray, PhD – Princess Margaret Hospital

11:45-12:15 PM  Lunch and Chapter Business

12:15-1:30 PM  Student/Resident Presentations
   Implementation of FFF on Varian and Elekta Linear Accelerators
      Tomasz Bista – Banner MD Anderson Cancer Center
   Commissioning TomoTherapy with ArcCheck following the TG-119 protocol
      Darren Zuro – Univ of Az
   A Shell Model for Calculating BED as a Function of Tumor Volume"
      Daniel Goldbaum – Univ of Az
   Evaluation and comparison the doses differences between TG-43 Line Source and Point Source methods for COMS plaque brachytherapy
      Vi Nguyen – Univ of Az
   Using Statistical Process Control for QA
      Sharif Elguindi – Mayo Arizona
   IMRT QA, what are the options beyond gamma analysis?
      Daniel Harrington – Mayo Arizona

1:30-2:00 PM  National Error Reporting System Update
   Gary Ezzell – Mayo Clinic Arizona/AAPM Chairman of the Board

2:00-2:45 PM  Proton Session
   IMPT Proton Planning
      Aman Anand, PhD – Mayo Clinic Arizona
   QA for a Proton Scanning Pencil Beam
      Jason Shen, PhD – Mayo Clinic Arizona
   Robust Optimization for Proton Planning
      Wei Lui, PhD – Mayo Clinic Arizona

2:45-3:00 PM  Break

3:00-3:45 PM  QA Tools for Linear Accelerators
   Stan Mansfield – Varian Medical Systems

3:45-4:30 PM  HDR Brachytherapy Current and Future Developments
   Amir Sadeghi, PhD – Banner Desert Medical Center

4:30-4:45 PM  Closing Business
   Steve Sapareto – AzAAPM President