

**Request for Contributed Presentations  
SACS-AAPT Spring 2011 Meeting  
at Clayton State University, Morrow, GA;**

**April 1-2, 2011**



Dear Colleagues,

**1. Request for Abstracts:** This is to request abstracts for contributed talks for the upcoming Spring 2011 meeting of the SACS-AAPT to be held at the Clayton State University on April 1-2, 2011.

Please use the following format in submitting your talk;

Title of Presentation:

Name:

Address:

Phone:

Email:

Abstract: 200 words or less

Equipment Needed:

Please indicate if this is a faculty presentation or if it is a student poster. Please submit your abstract online at <http://sacs-aapt.org> or email it to Dr. Tatiana Krivosheev at her email [tatianakrivosheev@clayton.edu](mailto:tatianakrivosheev@clayton.edu) by March 18, 2011.

**2. Student Poster Session:** We also have a student poster session. If your students have been doing projects in your courses, summer research, etc. and you would like to showcase them, please consider submitting a poster for this meeting. The posters will on display for the entire meeting.

**3. Request for Workshop Proposals:** If you are interested in presenting a workshop on the afternoon of Saturday, April 2nd, please send an abstract of your proposed workshop.

**4. Pre-Registration:** Please fill out the form below, cut it out, and mail it along with your registration fee and Membership dues. Make all checks payable to SACS-AAPT. For your convenience, the registration is also open on-site during the entire meeting. You can also pre-register online at <http://sacs-aapt.org>

Pre-Registration Form - SACS-AAPT Spring 2011 Meeting, Clayton State University

Name : \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Email: \_\_\_\_\_

Registration Fee:

Lunch: \$10

Membership Dues: \$5 (it is \$0 for high school teachers & students)

Total enclosed: \_\_\_\_\_

Mail to: Dr. Tatiana Krivosheev, Clayton State University, Department of Natural. Sciences,  
2000 Clayton State Blvd, Morrow, GA 30260

## 5. Meeting Program (Tentative)

The main meeting will take place in the New Laboratory Annex Building Room 107.

Friday, April 1, 2011

5:00 pm - 6:30 pm Registration and Student Poster Session (Lab Annex Atrium)

6:00 pm - 6:30 pm Reception (Lab Annex Atrium)

6:30 pm - 7:30 pm Keynote Speech, George Andl, MS, Elekta (Lab Annex, Room 107 )

**Title:** 3D x-ray dosimetry

3D dosimetric measurements in water are required to model/benchmark/validate a radiation treatment planning systems before the treatment of cancers patients can begin. Measuring absorbed dose is not practical. So, an ion chamber and various correction factors are used to infer absorbed dose. A brief overview of the medical linear accelerator is followed by the discussion of the ion chamber components, optimization of the ionization signal including other considerations or tradeoffs.

### Biography

George Andl received his MS degree in medical physics from the University of Colorado Health Sciences Center.

George has characterized a wide range of linear accelerators and cobalt units for radiation treatment planning systems. His work includes DICOM connection/configuration to CT scanners, Virtual Simulation and Dose Comparison Systems and support for software product requirements, hazard analysis, code prototypes, and software validation.

7:30 pm Dinner on your own. A list with dining places will be provided during registration.

Saturday, April 2, 2011

7:30 am - 8:00 am Breakfast (Lab Annex Atrium)

8:00 am - 9:30 am Presentations (Lab Annex, Room 107)

9:30 am - 10:00 am Break- Coffee and Snacks (Lab Annex Atrium)

10:00 am - 12:30 pm Presentations (Lab Annex, Room 107)

12:30 pm - 1:00 pm Lunch (Lab Annex Atrium)

1:30 - 3:30 pm Workshops (Lab Annex Atrium, Room 104, BHS, Room C-58)

## 6. Lodging Information:

There are numerous options for a reasonably close and cheap stay. Some are:

Drury Inn & Suites Atlanta South \$85-\$95

6520 S Lee St Morrow, GA 30260 United States of America

Book online or call 1-800-238-0767

Country Inn & Suites By Carlson Atlanta I-75 South \$59

2192 Mount Zion Pkwy Morrow, GA 30260 United States of America

Book online or call 1-800-238-0767

Days Inn Atlanta Southlake, currently \$34 on Expedia

1599 Adamson Pkwy Morrow, GA 30260 United States of America

Book online or call 1-800-238-0767

Please contact me if you have any questions. We look forward to seeing you all at SACS-AAPT meeting at Clayton!