

NCCCHPS

The Newsletter of the Northern California Chapter of the Health Physics Society
November 2007



Thursday, November 15, 2007
Kingfish Restaurant, San Mateo

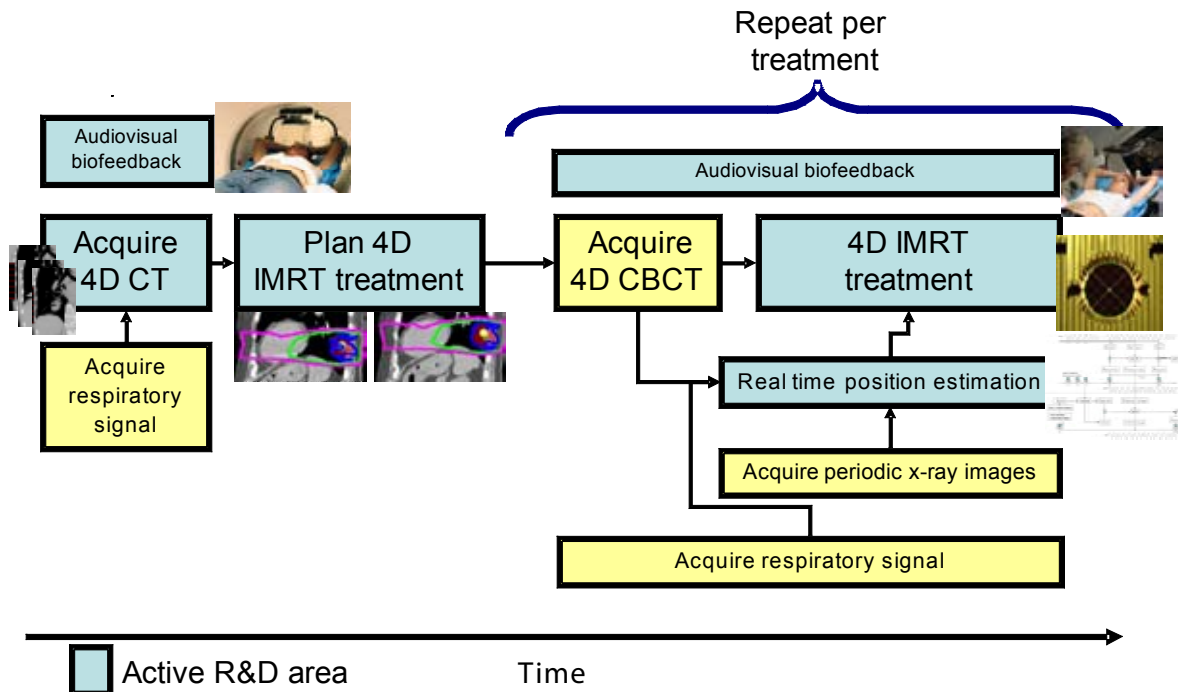
6 pm-Social Hour
7 pm-Dinner
8 pm-Presentation

Speaker: Paul Keall, Ph.D.



Title: Managing Respiratory Motion in Radiation Oncology: Strategies for 4D Imaging, Planning and Delivery

Abstract: Respiratory motion challenges our ability to image, plan and deliver radiation accurately to targets that move with time. Managing motion has been a subject of research at many institutions, including Stanford. This talk will focus on aspects of a comprehensive strategy being developed to manage respiratory motion, as shown in the figure:



Several aspects of this work will be described: audiovisual biofeedback, 4D CT imaging, 4D IMRT planning, real-time position estimation and 4D IMRT treatment.

About the Speaker: Dr. Keall is Associate Professor in the Department of Radiation Oncology, Stanford University

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**Announcing the 16th Annual J. Newell Stannard
Lecture Series**

“Excellence in Radiation Protection”

**Co-hosted by Sierra Nevada Chapter of the HPS
& NCCCHPS**

**March 28, 2008
Sacramento, California**

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For additional details, visit our website.

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NCCCHPS
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NCCCHPS President's Column

Connected Confident Championed

Are we ready for?

- A nuclear renaissance?
- A 10 kiloton nuclear weapon attack within the state of California?
- Finger printing and criminal background checks?
- First new reactor application in U.S. in nearly 30 years?
- A Midyear meeting in Oakland in January 2008?

These are some of the current issues facing our chapter and our industry today.

Are you connected, confident and championed in your professional career?

NCCCHPS keeps you connected to your professional friends and acquaintances through meetings, announcements, social events and networking opportunities.

Whether it's a social gathering to meet old friends, a quick look at the job market, a new and interesting affiliate announcement, or the presentation of the latest in scientific research, we keep you involved and informed.

Don't you agree that the NCCCHPS has brought you some extraordinary presentations from experts in industry, government and academia? Do you feel confident that you are up on the latest research in your field? Do you agree that keeping your membership active informs you about the latest technical advancements and political discussions?

Do you think that NCCCHPS champions you in your personal and professional relationships to advance your career and your professional standing in your field? With job announcements, course offerings, and connections to national and local professional organizations don't you have the best opportunity to find your own professional advancement potential?

Thanks for joining us at our next meeting on the Peninsula November 15th.

And then it's on to Oakland – Connected; Confident; Championed; ready to show the entire nation what great science we have here in the San Francisco Bay area. And all of it brought to you by the dedicated members, volunteers and affiliates of the NCCCHPS!

Best wishes,

John Pasinosky, President, NCCCHPS

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2008 Professional Development School Registration Begins!

From Linnea Wahl (lewahl@lbl.gov), Administrative Dean

Registration for the 2008 Health Physics Society (HPS) Professional Development School, "Topics in Accelerator Health Physics," is now open. The registration form is available in the September issue of the HPS newsletter, Health Physics News, and on-line at: <http://www.hps.org/pds2008/PDS2008regform.pdf>

To register, simply print out the on-line form (or use the form in the newsletter), complete the requested information, enclose your registration fees, and mail the form and fees to the HPS. Alternatively, if you're paying by credit card, you can fax the completed form to HPS.

The school will begin January 31 and run through February 2, 2008, at the Oakland Marriott City Center. This is the same location as the 2008 HPS Midyear Topical Meeting, "Radiation-Generating Devices," and the school immediately follows the midyear meeting. The courses offered at the school were chosen to complement the midyear meeting sessions. Details on the school are available on the school website:

<http://www.hps.org/pds2008/>

Please note that registration for the school is separate from registration for the 2008 midyear meeting. The registration form for the midyear meeting will be available in mid-October. Watch for the latest updates at the midyear meeting website: www.hpschapters.org/2008midyear/registration.html



Over 30 years of Health Physics Products and Services

RSO, Inc. thanks the North California Chapter of the Health Physics Society for being a part of our continued success.

We continue to provide a variety of **Radiation Safety Professional Services**. Areas of consultation include, regulations compliance, new licenses and license amendments; radiation safety program audits, medical physics, radioactive material transportation and disposal.

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2008 HPS Midyear Meeting Radiation-Generating Devices

Oakland, California

January 27-30, 2008

The 2008 HPS Midyear Topical Meeting “Radiation-Generating Devices” will be held at the Oakland Marriott Convention Center January 27-30, 2008 (Sunday-Wednesday, sessions start on Monday).

It is co-hosted by the Health Physics Society Northern California Chapter and the HPS Accelerator Section.

Detailed session schedules are now published on the Health Physics Society website. The schedule below gives you a taste for the many topics that will be covered. Visit <http://hpschapters.org/2008midyear/> for the latest information.

Monday, January 28, 2008

<i>MAM-A</i>	<i>8:15-11:45</i>	<i>Jewett Ballroom</i>	<i>Plenary</i>
<i>MPM-A</i>	<i>1:30-5:30</i>	<i>Jewett Ballroom</i>	<i>New Accelerator Facilities</i>
<i>MPM-B</i>	<i>1:30-5:30</i>	<i>Rooms 210-211</i>	<i>Shielding and Shield Codes</i>

Tuesday, January 29, 2008

<i>P</i>	<i>1:15-3:15</i>	<i>Exhibit Hall</i>	<i>Poster Session</i>
<i>TAM-A</i>	<i>8:15-Noon</i>	<i>Jewett Ballroom</i>	<i>Radiation Instrumentation Selection and Calibration</i>
<i>TAM-B</i>	<i>8:15-10:00</i>	<i>Rooms 210-211</i>	<i>Regulatory Legal and Public Concern</i>
<i>TAM-C</i>	<i>10:30-12:30</i>	<i>Rooms 210-211</i>	<i>Environmental and D&D Issues</i>
<i>TPM-A</i>	<i>3:15-5:30</i>	<i>Jewett Ballroom</i>	<i>Homeland Security Human and Cargo Imaging</i>
<i>TPM-B</i>	<i>3:15-5:45</i>	<i>Rooms 210-211</i>	<i>Medical Therapy and Imaging</i>

Wednesday, January 30, 2008

<i>WAM-A</i>	<i>8:00-9:45</i>	<i>Jewett Ballroom</i>	<i>Interlocks and Safety Devices</i>
<i>WAM-B</i>	<i>10:15-12:15</i>	<i>Jewett Ballroom</i>	<i>Radiation Spectroscopy</i>
<i>WAM-C</i>	<i>8:30-11:45</i>	<i>Rooms 210-211</i>	<i>Radiation Dosimetry</i>
<i>WPM-A</i>	<i>1:30-5:30</i>	<i>Jewett Ballroom</i>	<i>Operational Health Physics</i>
<i>WPM-B</i>	<i>1:45-3:15</i>	<i>Rooms 210-211</i>	<i>Industrial Radiation-Generating Machines</i>
<i>WPM-C</i>	<i>3:45-5:30</i>	<i>Rooms 210-211</i>	<i>Health Physics of Research Facilities</i>

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2007-2008 NCCHPS Meeting Dates:

November 15 2007
Kingfish, San Mateo

January 27 to 30, 2008
HPS Midyear,
Marriott Hotel,
Oakland

January 31-February 2,
2008
HPS Professional
Development School,
Oakland

March 27, 2008
Poppy Ridge Golf Course,
Livermore

March 28, 2008
J. Newell Stannard Lecture
Series, co-hosted by Sierra
Nevada Chapter of the
HPS, Sacramento

May 15, 2008
Affiliates Night
USS Hornet Museum,
Alameda

Direct input for our next
newsletter to:

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Livermore, CA 94550

<http://hpschapters.org/ncchps/>

The Next NCCHPS Meeting!

The November 15, 2007 meeting
will be at:

Kingfish Restaurant
201 South B Street
San Mateo, CA 94401
[South B St. & 2nd Avenue]
(650) 343-1226
<http://kingfish.net>

The dinner selections are:

Kingfish Jambalaya with grilled chick-
en, andouille sausage, PEI mussels,
sweet peppers, Creole rice

Pan Roasted King Salmon with creamy
fava bean risotto, vanilla-honey-mus-
tard seed vinaigrette

Fettuccine Primavera with extra virgin
olive oil

Parking: There is Valet Parking
after 6PM for \$7. The parking
garage across the street is free
after 6PM (\$0.25 per hour before
6PM). Metered street parking is
also available.

**Deadline: Please register by
November 8th, 2007 !** After
Deadline, please contact Steven
N. Bakhtiar at (925) 876 8921 for
special arrangements.

NCCHPS members - \$25
(\$30 at the door)
Members' spouses - \$30
Students - \$10
Non-NCCHPS members - \$49

Register for dinner ONLINE at

<http://hpschapters.org/ncchps/dinner.php3>

**Contact Quang Le ONLY if you encounter problems
with online registration: quangles@sbcglobal.net,
(925) 422-7543**