



SIXTH INTERNATIONAL WORKSHOP ON DOSIMETRY FOR RADIATION PROCESSING
Schloss Ettlingen, Ettlingen, Germany
October 4 - 8, 2009

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FIRST ANNOUNCEMENT

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INTRODUCTION

ASTM International's Subcommittee E10.01 on *Radiation Processing: Dosimetry and Applications* is pleased to announce that the *Sixth International Workshop on Dosimetry for Radiation Processing* will be held at the Ettlingen Castle, in charming Ettlingen, a district of Karlsruhe, Germany, October 4 – 8, 2009.

The workshop will be patterned after the very successful five previous workshops in Ste-Adèle, Québec, Canada (1989, 1995, 2004), University of Maryland, Maryland, USA (1991) and San Diego, California, USA (2000). The workshop will be similar in format to the previous workshops but will incorporate improvements based on feedback received.

This workshop will provide an optimum combination of presentations by invited speakers, small informal "roundtable" sessions and hands-on practical exercises in which all attendees are expected to participate. Please plan to register early, as we expect to reach our limit of 100 technical participants quickly. Attendees will be accepted on a "first-register-first-serve" basis.

SCOPE AND OBJECTIVES

This workshop will cover aspects of dosimetry for radiation processing that can be applied to the processing of food and agricultural products, pharmaceuticals, medical products, inks, packaging, polymers and radiation research. Attendees will use hands-on activities to reinforce what they learn in plenary sessions. The objective is to improve the quality of dosimetry through a better understanding of dosimetry principles, calibration techniques, factors influencing dosimeter performance, dose mapping, and uncertainties in absorbed dose measurements. Standards published by ASTM International's Subcommittee E10.01, most of which are also recognized as ISO standards, will form the basis for the discussions and hands-on exercises.

WHO SHOULD ATTEND?

This workshop is intended for those individuals responsible for the implementation and maintenance of their organization's dosimetry program - researchers, irradiator operators, quality assurance personnel, dosimeter suppliers, medical products manufacturers, food processors, regulatory personnel, inspectors, etc. Internationally recognized experts with extensive dosimetry experience will discuss the latest developments on dosimetry for radiation processing and share their experiences. Attendees will have the opportunity to bring their questions to leaders in the dosimetry field. The workshop format is designed to provide maximum interaction between participants resulting in mutual benefits for all.

THE CONFERENCE SITE AND HOTELS

ASTM has arranged special rates (that include breakfast) at two hotels: the Stadthotel Engel Ettlingen (www.stadthotel-engel.de) or the Hotel Watthalden (www.watthalden.de). Both hotels are a short walk from the Ettlingen Castle. Participants will be responsible for reserving and paying for their own hotel rooms. Details will be provided in the second announcement.

The city of Ettlingen (www.ettlingen.de), nestled in the hills of the Northern Black Forest, is a part of the technology region of Karlsruhe. Ettlingen has many beautiful sites to see and a history of more than 1250 years. It offers a picturesque Old Town with dreamy streets and alleys and renowned restaurants, pubs and micro-breweries. The French Alsace is just across the Rhine and well-known Baden-Baden is just 20 km south. Baden, the district Ettlingen belongs to, is famous for its vineyards and Riesling grapes. Ettlingen, about 150 km south of Frankfurt, is accessible by train from airports in Frankfurt, Baden-Baden, Stuttgart and Strasbourg.

WORKSHOP FORMAT

The workshop format will be similar to that of the previous workshops, but will incorporate new ideas to enhance participant interactions. Plenary sessions will be used to introduce important aspects of dosimetry (as outlined above) that are applicable to gamma radiation, electron beam and X-ray processing. Practical hands-on exercises, utilizing relevant ASTM standard and comprehensive data treatment, will allow participants to practice what they have learned. Discussion (roundtable) sessions following each hands-on exercise will let participants share their experiences and questions.

The Workshop will address the following major topics during the plenary and hands-on sessions:

MAJOR TOPICS (Plenary and/or Hands-on Exercises)

- Dosimetry Overview and Selection
- Influence Quantities
- Dosimetry System Calibration
- Dose Mapping
- Uncertainties

In addition, current topics of particular interest will be addressed during sessions on 'special topics':

SPECIAL TOPICS

- Modelling
- Low-Energy E-Beam Applications
- Third special topic possible based on registrant feedback

POSTER AND DEMONSTRATION SESSION

There will be a poster session where, by prior arrangement, attendees may present their latest work. There will also be demonstrations of equipment and technology where attendees can meet "one-on-one" with developers, manufacturers, and users of current and new dosimetry systems. This session will focus on research activities and user/manufacture interactions.

SITE VISITS

Participants will be offered several options for site visits. The workshop location is in close proximity to dosimetry manufacturers, electron beam and gamma irradiators, nuclear research facilities and power plants, as well as the European Parliament in Strasbourg. The site visits will be confirmed in a later announcement.

COMPANIONS' ACTIVITIES

Workshop participants are encouraged to bring a companion. Companions are welcome to participate in the organized social and recreational functions of the workshop.

REGISTRATION

The workshop fee, collected by ASTM, will include registration, refreshment breaks, Sunday welcome reception, most lunches, and the dinner banquet on Wednesday evening. The registration fee and final program details will be given in the Second Announcement to be distributed in January 2009. Hotel reservations are the responsibility of the participant and are in addition to the workshop fee.

Updates on the workshop will be posted on the workshop website:
<http://www.astm.org/MEETINGS/COMMIT/e10wkshp0909.htm>.

For further information or to request that the second announcement be sent to you when available, please contact ASTM International's Committee E10 Staff Manager, Joe Koury, jkoury@astm.org.