

## FIRST ANNOUNCEMENT

### THIRTY-SEVENTH INTERNATIONAL PYROTECHNICS SEMINAR

Hosted by Safety Consulting Engineers, Inc. and IPSUSA, Inc. in cooperation with  
The International Pyrotechnics Society

**The 37<sup>th</sup> International Pyrotechnics Seminar**  
will be held at the Grand Junction Doubletree Hotel at  
Grand Junction, Colorado, USA, on July 11-16, 2010



### GRAND JUNCTION, COLORADO

The Doubletree Hotel Grand Junction is located in the heart of Western Colorado and Colorado's Wine Country. Our warm, contemporary hotel offers spacious guestrooms, Sweet Dream Beds by Serta, high-speed internet access and awe-inspiring views of the surrounding geologic wonders. We offer a full service restaurant and lounge, fitness center, outdoor pool and Jacuzzi, and over 10 acres of beautifully landscaped lawn.

The Doubletree Hotel is conveniently located within 5 minutes of the Grand Junction Regional Airport. We provide complimentary shuttle service to and from the airport. The Grand Junction Regional Airport offers daily flights from Denver, Phoenix and Salt Lake City with over 500 one-stop connections from major cities in the United States, Canada, Europe and Central America.

### SEMINAR TOPICS

Subjects of interest for this seminar include pyrotechnics, propellants and explosives and devices that utilize these materials, processes used to make them, and the physical and chemical principles and processes involved in their design, characterization, reaction, testing, operation and aging.

- ◆ All aspects of Pyrotechnics
- ◆ Fuel/oxidizer formulations
- ◆ Insensitive materials
- ◆ Sensitivity and safety
- ◆ Environmental considerations
- ◆ Nano-particles in energetic materials
- ◆ Testing methods and devices
- ◆ Manufacturing processes; twin-screw extruders, co-acervation, co-precipitation, etc
- ◆ Computational methods applied to energetics
- ◆ Improvised explosive devices (IEDs)
- ◆ Initiators and initiation
- ◆ Regulations and standards applicable to energetics; STANAGs, etc
- ◆ Synthesis and composition of explosives and other energetic composites
- ◆ Unusual applications of energetic materials

### ABSTRACTS

Abstracts may be submitted for inclusion in the seminar, starting immediately. **THE ABSTRACTS MUST BE REASONABLY COMPREHENSIVE (but limited to one page)** to allow for adequate review for acceptance. Your requested preference for oral or poster presentation, which will be determined by the Steering Committee (SC) and perhaps other reviewers, will be strongly dictated by the assurance of author(s) of the paper to present it at the seminar. A deadline for this assurance will be provided to authors, possibly on an individual basis should clearance/visa/other problems cause delays. All questionable oral papers without such assurance prior to the seminar will be automatically placed in the Poster Session. Reviewers' selection of papers accepted for the seminar will begin upon receipt of the abstracts, and prime authors will be notified within 30 days of receipt. (Please contact us should you not receive such notice within six weeks.) The deadline for submission of abstracts is officially the end of March, 2010; but again, should clearance/other problems cause delays we request that you provide us with a tentative title and author(s), and your reasons for delay, and we will certainly be reasonable to

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extend the time for receipt of your abstract; and with major delays under extenuating circumstances, may accept the paper on a tentative basis as a “work-in-progress” poster/other (but included as an oral presentation, if requested and space allows). The manuscript will also be included in the Proceedings, if received in time.

Full manuscripts from both types of presentations, without distinction, will be included in the Proceedings. Guidelines on how to prepare the manuscript for publication will be available on our website, and sent to authors upon request. A list of papers for oral and poster presentation will be published and posted on the website, upon receipt of sufficient abstracts, and updated biweekly thereafter. Please recall that IPSUSA Seminars, Inc. does not require authors to publish their manuscripts in the Proceedings in order to present them; but authors must state that their submitted papers are original, unpublished work. We will accept “work-in-progress” presentations for the Poster Session as well as full manuscripts for the Poster Session up to the time of the seminar. The Proceedings of the Seminar will be available at the start of the seminar, as always, but will also be published as a CD. This CD will also be available at the seminar, but probably updated and available later with non-published but available manuscripts received too late for inclusion in the Proceedings. The cutoff date for manuscript inclusion in the Proceedings (about one month maximum prior to the seminar); however, manuscripts not received in time, or submitted at the seminar, may be included, upon author request, in an updated CD after the seminar and available free to all seminar participants at no cost, upon request.

### **SPECIAL EVENTS**

Some of the special events being planned include a registration informal reception on Sunday evening with buffet-style food, a casual get-together dinner on Monday, a special outing and dinner on Thursday evening and our traditional wine-and-cheese reception on Friday afternoon. As in the past, Wednesday afternoon is open although several planned tours will be available to those that wish to participate at their own cost.

### **IPSUSA SEMINARS BURSARY AWARD**

Due to the global economic situation, there will be no Carver Bursary available for this seminar. However, the IPSUSA Seminars will nevertheless still provide for one special award for pyrotechnics investigators under the same guidelines as the Carver Bursary with a \$1,000 (U.S. Dollar) award as well as waiver of registration and accommodation fees to the recipient. The same requirements will apply as before; i.e., to be eligible for the award, the recipient must be less than 40 years of age, from outside of North America, must orally present the paper at the seminar, and will be selected from among the group of applicants for the award. See <http://www.intlpyro.org> or request by phone or mail.

### **PROBLEMS**

We are aware that some of our overseas guests have had visa problems for the 2008 seminar and before. If you expect you may again encounter such problems, please contact Dr. Allen J. Tulis (e-mail below) as soon as possible, providing any information you may have for such problem, and we will make every effort to resolve such problem to the full extent possible, especially if some special requirements are needed by you to be provided by us.



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**FURTHER INFORMATION**

Contact the Co-chairs Jim Dahn and Larry Brown or any member of the IPSUSA Seminars Steering Committee for further information about the Seminar, although this information will be posted on the IPSUSA Inc. website. A more comprehensive Second Announcement will be provided about mid-January, and will include all pertinent and updated information. If you wish to be placed on our direct mailing list and are not included on it at this time, please return the completed form below to C. James Dahn at [sceinc@sceinc.com](mailto:sceinc@sceinc.com), phone 847-925-8100, and/or fax 847-925-8120.

**LET US KNOW**

The form below may be filled out and submitted by mail or FAX. Indicate your interest and/or intention in regard to attendance and presentation of a paper or poster. Inclusion of your email address will greatly speed communications. There is no obligation or cost.

**Please return this form to receive future mailings.**

Return to: Pat Hobbs, Safety Consulting Engineers, Inc 2131 Hammond Drive, Schaumburg, Illinois 60173 Tel: 847-925-8100 or 847-3376916 Fax 847-925-8120 Or email: [sceinc@sceinc.com](mailto:sceinc@sceinc.com) or [ccdahn@earthlink.net](mailto:ccdahn@earthlink.net). You can also contact Dr. Allen J. Tulis, President, Steering Committee Chairman, at [allentulis@ipsusainc.com](mailto:allentulis@ipsusainc.com)

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Name Affiliation

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Address

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Phone Fax E-mail

I plan to attend IPS 2010 \_\_\_\_ A companion will accompany me \_\_\_\_ I'm interested, but uncertain \_\_\_\_

I plan to present a paper: Oral \_\_\_\_ Poster \_\_\_\_