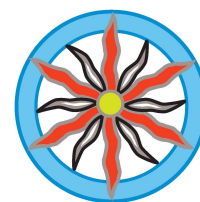




*First Announcement of the*

## **42<sup>nd</sup> International Pyrotechnics Society Seminar July 10 – 15, 2016**



Hosted by IPSUSA Seminars, Inc. in cooperation with the International Pyrotechnics Society

### **The 42<sup>nd</sup> International Pyrotechnics Society Seminar**

**will be held at the DoubleTree by Hilton Hotel, Grand Junction, Colorado, USA, on July 10-15, 2016.**

#### **GRAND JUNCTION, COLORADO**

The DoubleTree by Hilton Hotel (<http://www.doubletreegrandjunction.com/>) is located at 743 Horizon Dr., in Grand Junction, Colorado. Grand Junction is the largest city in western Colorado. At an altitude of 4,586 feet, it is warm in the summer and moderate in spring, fall, and winter. Boasting more than 275 days of sunshine annually, Grand Junction has been named one of the eight sunniest cities in the United States by TourismReview.com. A mecca for outdoor and recreational activity and exploration, Grand Junction is a year-round destination. Some of the major draws include: Colorado's wine country – Grand Valley AVA (American Viticultural Area) orchards, fruit harvests (including the famous peaches), Year-round "World Class" golf, hiking and biking, the Colorado National Monument, and the Grand Mesa.

#### **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 energetic materials
- ◆ Sensitivity and safety
- ◆ Solid rocket propellants
- ◆ Environmental considerations
- ◆ Nano-particles in energetic materials
- ◆ Testing methods and devices
- ◆ Manufacturing processes; twin-screw extruders, coacervation, co-precipitation, etc.
- ◆ Computational methods applied to energetics
- ◆ Detonation science
- ◆ Improvised explosive devices (IEDs)
- ◆ Initiators and initiation
- ◆ Regulations and standards applicable to energetics; STANAGs, etc.
- ◆ Synthesis of explosive, propellant, and pyrotechnic ingredients
- ◆ Formulation of explosive, propellant, and pyrotechnic compositions
- ◆ Unusual applications of energetic materials
- ◆ Conventional/non-conventional explosives
- ◆ Commercial fireworks (R&D, processing, safety, materials, etc.)
- ◆ Commercial explosives and pyrotechnics for blasting, excavation, drilling, and mining

## **ABSTRACTS for PAPERS and POSTERS**

An official call for papers will follow this first announcement. Abstracts for Papers and Posters may be submitted for inclusion in the Seminar at any time up to January 18, 2016 and should be no more than 500 words in length. You may indicate your preference for presentation in either the oral or poster sessions. Full manuscripts from both oral and poster types of presentations will be included in the proceedings. However, poster presentations only require a one to three page summary of the work being presented. Guidelines on how to prepare the manuscript for publication will be published on the IPSUSA.org website and also sent to the authors. Selection of the papers to be given at the Seminar will be made in February 2016, and a list of papers for oral and poster presentation will also be published and posted on the IPSUSA Seminars, Inc. website and the IPS website, in February 2016. The proceedings of the Seminar will be published in hard copy and as a CD. CDs will be distributed at the Seminar, and hard copies will be available for purchase upon request.

## **SPECIAL EVENTS**

Some of the special events being planned include a registration informal reception on Sunday evening with ample 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.

## **REGISTRATION**

Registration and abstracts will all be handled through the Seminar Coordinator:

Linda Crouse – IPSUSA 2016 Seminar Coordinator  
P.O. Box 621633  
Littleton, Colorado 80162-1633 USA  
Phone: 303.601.8550 Fax: 303.904.3965  
E-mail: [LcrouseIPSUSASeminars@gmail.com](mailto:LcrouseIPSUSASeminars@gmail.com)

Questions about details of the logistics for registration and other arrangements may be directed to her.

## **FURTHER INFORMATION**

Dr. Lori Groven of South Dakota School of Mines & Technology – Dept. of Chemical & Biological Engineering, [lori.groven@sdsmt.edu](mailto:lori.groven@sdsmt.edu) and Dr. Anthony Shaw of U.S. Army RDECOM-ARDEC [anthony.p.shaw.civ@mail.mil](mailto:anthony.p.shaw.civ@mail.mil) will chair this Seminar. As more information about the Seminar becomes available, it will be posted on the website at <http://ipsusa.org/index2.htm>.

If you wish to be placed on the mailing list for future announcements of the Seminar, please contact Mrs. Linda Crouse at [LcrouseIPSUSASeminars@gmail.com](mailto:LcrouseIPSUSASeminars@gmail.com), phone 303.601.8550, or fax 303.904.3965.

Copies of Proceedings from previous IPS Seminars held in the US (and some non-US) are available in book and CD form for sale at <http://www.ipsusa.org/pubs.htm>.

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## **LET US KNOW**

We would be glad to hear of your interest 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 and no payment is required at this time.