

# NFPA's 5th Educator/Industry Summit for Fluid Power Engineering & Research Technology

August 21-22, 2007 • Westin Chicago North Shore • Wheeling, Illinois, USA

## Who is Your Future Workforce?

This year's Summit will feature an examination of the state of fluid power education at all levels: middle/high schools, technical schools and community colleges, and universities. Featured presentations include:

- **Building the Foundation:** Richard Blais, Project Lead the Way
- **Sustaining Your Future Workforce:** Marla Robinson, Mohawk College of Applied Arts and Technology
- **Fluid Power in Universities—Should there be a Degree?** Panelists will discuss this question from both the industry and university perspectives: Paul Heney, Senior Editor of *Hydraulics and Pneumatics* magazine; Joe Kovach, Vice President of Technology and Innovation at Parker Hannifin; and Professor Kim Stelson, the Director of the Engineering Research Center for Compact and Efficient Fluid Power (CCEFP).
- **The Future of Fluid Power Technology—An Industry View:** Sohan Uppal, Eaton Corporation



## What are the Next Technology Breakthroughs for Fluid Power?



Find out *FIRST-HAND* at the **Poster Sessions**—an important feature of the Summit. Here, you'll have an opportunity to dialogue with the students and professors doing this research. The three top-ranked posters will be given featured presentation time during the general session. Posters will be evaluated based on the following criteria:

- Relevance to the fluid power industry
- Representation of new or previously underutilized technologies
- Speed of translation to a fluid power application

## Accommodations

NFPA's 2007 Educator/Industry Summit and NFPA's 2007 Economic Outlook Conference will be held at the Westin Chicago North Shore, located just 16 miles north of Chicago's O'Hare Airport in the prestigious North Shore district, 601 North Milwaukee Avenue, Wheeling, Illinois. NFPA has reserved a limited block of rooms at the rate of \$149/night plus tax. This special rate will be available **until the block is full or July 30, 2007**—whichever comes first. Make your reservations early by calling **1-847-777-6500**. **Make sure to request the National Fluid Power Association room block.**

## Summit Program Schedule

### Tuesday, August 21, 2007

- 10:00 am - 5:00 pm **Registration**  
11:00 am - 12:30 pm **Committee Meetings: Education; Pneumatics Council; Industry Marketing Council**  
1:00 pm - 1:15 pm **Welcome, Opening Remarks**—Hans Zobel, Chairman, NFPA Board of Directors  
1:15 pm - 3:00 pm **Fluid Power Education: Meeting Tomorrow's Challenge Today**  
1:15 pm - 1:40 pm **Building the Foundation**—Richard Blais, Project Lead the Way  
1:40 pm - 2:00 pm **Sustaining Your Future Workforce**—Marla Robinson, Mohawk Technical College  
2:00 pm - 3:00 pm **Fluid Power in Universities—Should there be a Degree?**  
*Panel Discussion:*  
Bill Parks, President, Deltrol Fluid Products; Chairman, NFPA Education Committee, (*Moderator*)  
Paul Heney, Senior Editor, *Hydraulics & Pneumatics* Magazine  
Joe Kovach, VP of Technology & Education, Parker Hannifin Corp.  
Professor Kim Stelson, University of Minnesota, Director of CCEFP  
3:00 pm - 3:20 pm **Refreshment Break**  
3:20 pm - 4:30 pm **Introduction to Poster Session with Featured Presentations**  
4:30 pm - 6:30 pm **Poster Session**  
6:00 pm - 6:30 pm **Networking Reception (runs concurrently with Poster Session)**  
6:30 pm - 8:30 pm **Going Forward: Recommendations from Summit Participants, Dinner with Roundtable Discussions**

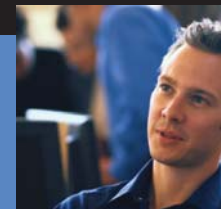
### Wednesday, August 22, 2007

- 8:00 am - 9:50 am **Educator/Industry Summit General & Poster Sessions**  
8:00 am - 8:10 am **Welcome**—Hans Zobel, Chairman, NFPA Board of Directors  
8:10 am - 8:50 am **The Future of Fluid Power Technology**—Sohan Uppal, Eaton Corp.  
8:50 am - 9:50 am **Poster Session**  
10:00 am **Economic Outlook Conference begins**

**New for 2007!**

## Focus on Workforce Solutions

Where can you find the skilled talent to service your customers each and every day? NFPA will feature presentations and posters from some of our technical and community college members to show you what they're doing to help bring these much-needed people into your workforce.



You will also be asked to bring your ideas to the table in discussion groups on how to improve the state of fluid power education.

**The Summit immediately precedes the NFPA Economic Outlook Conference. The combination of these two showcase events exponentially increases the value you'll receive!**

## REGISTRATION Form

Please use a separate form for each registrant.

Attendee First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
First name for badge \_\_\_\_\_ Title \_\_\_\_\_  
Area Code/Telephone \_\_\_\_\_ FAX \_\_\_\_\_  
E-mail \_\_\_\_\_ Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Emergency Contact Name \_\_\_\_\_ Emergency Contact Phone \_\_\_\_\_

### Payment Method:

- Please invoice – P.O.# \_\_\_\_\_ (NFPA members only)  
 Check enclosed (make check payable to NFPA)  
 Credit Card:  Amex  Visa  M.C.  
Card# \_\_\_\_\_ Expiration Date \_\_\_\_\_  
Signature \_\_\_\_\_

### Registration Fees:

**2007 NFPA Educator/Industry Summit** (please check one)

- NFPA Member – \$275  
 CFPA Member – \$275\*

\*NFPA member rate is being extended to all members of the Canadian Fluid Power Association.

NOTE: Summit open to NFPA and CFPA members only.

Cancellation policy: Before 7/13/07: \$25 handling fee; 7/13/07 - 8/17/07: \$75 cancellation fee; After 8/17/07: no refund.

### Three ways to register:

- Mail to: National Fluid Power Association, EOC/Summit, 3333 N. Mayfair Rd, Milwaukee, WI 53222
- FAX to: 414-778-3361
- Register online at [www.nfpa.com](http://www.nfpa.com)

**For more information or to register online, go to [www.nfpa.com](http://www.nfpa.com)**

## Who Should Attend:

- Strategic Leaders (CEO's, Presidents, VP's, etc.)
- Lead Engineers
- Customers
- Senior Application Engineers
- Educators
- Students (Future Workforce)

## Why You Should Attend:

- Learn FIRST-HAND About the Current Breakthroughs in Fluid Power Technology
- Share Your Ideas on Workforce Solutions
- View over 30 Poster Sessions
- Meet Your Future Workforce
- Panel Discussion: Should There Be a Fluid Power Degree?



**Register Today!**  
at [www.nfpa.com](http://www.nfpa.com)

NFPA Educator/Industry Summits are known for bringing together, under one roof, the brightest students doing fluid power research today and the industry that will one day employ them.


**What are the Next Technology Breakthroughs for Fluid Power?**



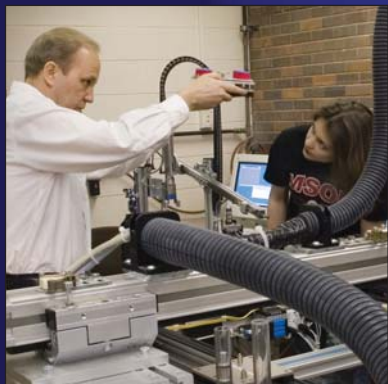
**Who is Your Future Workforce?**



**NFPA's Educator/Industry Summit for Fluid Power Engineering and Research Technology**

  
National Fluid Power Association  
3333 N. Mayfair Road  
Milwaukee, WI 53222

# A Summit for Fluid Power Engineering and Research Technology



## Attend the 2007 NFPA Educator/Industry Summit

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