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# THE Interface

NEWSLETTER OF THE  
HUMAN FACTORS &  
ERGONOMICS SOCIETY  
SOUTH JERSEY  
CHAPTER

DECEMBER 2005

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*Capacity takes flight, holiday party, membership renewals*

## Capacity Takes Flight

**By Tanya Yuditsky**

On December 16<sup>th</sup>, Joe Galushka provided the Chapter with a video presentation titled *Capacity Takes Flight – A Vehicle Centered Approach to Sustainable Airspace Productivity*. In the videos NASA Langley demonstrated several concepts that show how operations could change when aircraft are properly equipped to self-separate. The equipage under consideration by Langley researchers will enable data exchange between aircraft which provides shared situational awareness and the ability to coordinate maneuvers between flights. These concepts are being considered as part of the Next Generation Air Transportation System (NGATS). The NGATS goal is to move toward scalable, user-oriented air transportation services. The intent is to build a system of systems that provides the users of the National Airspace System with maximum choice and flexibility (agile air traffic services) to plan and execute their flights.

## Thanks from Joe

**By Joe Galushka**

My personal thanks to everyone that took the time to attend our recent Chapter luncheon to view the NASA

Langley concept demonstration *Capacity Takes Flight*. As the Human Factors Coordinator on the Technical Center Research Concepts group I greatly appreciate the insights and opinions shared after viewing the NASA videos. Now I would like to request your action. As part of the Research Concepts group support to NGATS development I need your ideas and input to help shape our research proposals. The NASA videos are just one concept vying to shape the future system. As the group rightfully pointed out there are a number of serious human factors questions/challenges that need to be addressed long before we start taking these concepts to the street. That said, I again invite you to please submit your input to the Research Concepts group to hopefully begin to shape the research process necessary to transform the future Air Transportation system. Please feel free to contact me at (609) 485-5741.

### Upcoming Event

**Holiday Party on December 21,  
2005 at Noon**

**Place: The Sharon Zheng Buffet II, English Creek Shopping Center.**

**LUNCH COVERED BY THE CHAPTER!!**

## SJHFES 2006 Election Results

**By Carolina Zingale**

We had a pretty good response rate and some closely contested races this time. The results are as follows:

President - Carolina Zingale  
President Elect - Kenneth Allendoerfer  
Secretary - Karen Peio  
Treasurer - Bonnie Kudrick  
Publications Committee Chair - Todd Truitt  
Nominations and Elections Committee Chair - Ferne Friedman-Berg

Continuing:  
Membership Committee Chair - Anton Koros  
Program Committee Chair - Gulshan Panjwani

## National Ergonomics Month (NEM) Honor Roll

**By Bonnie Kudrick**

It is with great pleasure that we announce that our Chapter President, Tanya Yuditsky and our past president

Kenneth Allendoerfer have been added to the NEM Honor Roll. The NEM honor Roll recognizes those NEM volunteers who have made noteworthy contributions of their time and energy to spread the word about Human Factors/Ergonomics.

Tanya and Kenneth planned and implemented the Rowan Outreach event that took place in January of this year. As you may remember from this years first edition of the INTERFACE, Tanya and Kenneth along with many other chapter volunteers presented many facets of human factors to students and faculty at Rowan University. They also participated in the Stockton Science Fair and recruited 2 of the winners to present their research at our chapter meeting in June.

Kudos to Tanya and Kenneth on a job well done!

To see the list of other Honor Roll members go to <http://hfesnem.org/leadership.htm>

## Membership Renewal

**By Anton Koros**

Please renew your membership in the South Jersey Chapter of the Human Factors and Ergonomics Society (HFES) for the upcoming year. Membership fee is still just \$10 per year. We can now collect dues via Paypal.

The Executive Council is trying to make it more convenient and rewarding to be a member. As a member of the local chapter you receive bi-monthly editions of The Interface. We present human factors related videos, and provide several opportunities for technical exchanges with other Human Factors colleagues. Also, as a paid member you can participate in the Local Chapter Elections.

If you've never joined or are new to the area, please join us. To join or renew your dues for 2006, please complete the form in this newsletter and/or contact Anton Koros, Membership Chair.

## Highlights of Recent Executive Council Meetings

**By Bonnie Kudrick**

Members present: Tanya Yuditsky, Anton Koros, Bonnie Kudrick, Carolina Zingale, Gulshan Panjwani and Shantanu Pai. Tanya opened the meeting at 12:10 PM.

### National HFES local chapter award

Tanya looked into nominating our chapter for some awards, and Kenneth has volunteered to complete the paperwork. Kenneth may need some additional information so he may be contacting some of us via email. Kenneth will nominate us due to our student outreach at Rowan and the Mini-conference and possibly the Science Fair. The chapter may win \$300.00.

Also, Tanya will file our yearbook update and send it the National HFES.

Tanya also mentioned that the Stockton Science Fair is in March and that some of the us should consider signing up to be a judge.

### Membership report

No new memberships have been added. Anton Koros will make an announcement at the Holiday luncheon on Dec 21 for renewals. Gulshan mentioned that it is now possible to renew or register for membership on our web-

site. Membership dues can now be paid via paypal.

### Treasurer's report

No official report. The treasurer's position is in transition. Bonnie and Carolina will go with Tanya to the CU to change the authorized signatures on the account for 2006.

### Chapter events

Gulshan stated that he will work on getting outside speakers for the upcoming year. Gulshan will email some of his professors. He also suggested that we see if anyone noteworthy in HF is coming to the area for any conferences or meetings. It is a good opportunity to get a great speaker for little cost.

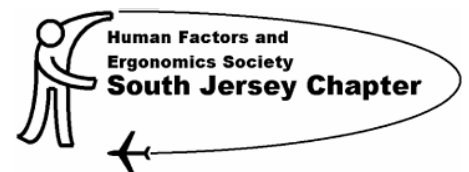
Gulshan is welcoming any program suggestions at our next EC meeting which will be held on January 10, 2006.

### Elections

The National HFES has reviewed our proposed bylaw changes and will give us the formal notification in September. According to Carolina, the acceptance of the new bylaws regarding elections should not be a problem.

### Closing

Meeting was closed at 12:35 PM. The next meeting of the EC will take place on January 10, 2006 at noon.



# South Jersey HFES Chapter Membership and Renewal Application

**For the Year 2006**

Applicant Name: \_\_\_\_\_

New Member (*complete all fields*)

Renewal (*complete this section only*)

I am (a Fellow / a Full Member / an Associate Member / Not a Member) of the National HFES (*circle one*)

Organization/Company: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Daytime phone: (    ) -

Evening phone: (    ) -

Fax number: (    ) -

E-mail address: \_\_\_\_\_

Endorsing SJC-HFES Member: \_\_\_\_\_

SJC HFES dues for 2005 are \$10. Make checks payable to the "Human Factors Society." Submit applications and checks to:

Anton Koros  
ACB-220, RDHFL Bldg 28  
William. J. Hughes Technical Center  
Atlantic City Int'l Airport, NJ 08405