



# The South Texan

2003 Marx Isaacs Award for Outstanding Large Section Newsletter

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APRIL 2004

## MONTHLY MEETING • APRIL 1, 2004



**Speaker:** *Daniel Bullock*  
Program Manager for the  
Center for Fuel Cell Research  
and Applications, Houston  
Advanced Research Center

**Subject:** Fuel Cell Revolution:  
Boom or Bust?

Fuel cells have been widely touted in the media as a likely replacement for the internal combustion engine. While this may one day become reality, fuel cells are clean and efficient electricity generators that will likely be used in a surprisingly wide range of electronic devices and power applications long before they reach the passenger car. So where are they? Come find out what's taking this promising technology so long to reach the market.

Daniel Bullock is the Program Manager for the Center for Fuel Cell Research and Applications program at the Houston Advanced Research Center. He joined HARC in July 2002 and is responsible for the technical and programmatic direction of the fuel cell research. Dan has over ten years experience in technical program management and in working with a wide range of industry actors through experience at HARC, Advanced Micro Devices, International Business Machines, and a number of technology start-ups in the energy and semiconductor industries. Dan is an engineer with advanced degrees in engineering and public administration from UT Austin.

### Workshop Announcements

Refer to pages 4 and 5 for detailed workshop topic and speaker information. Check room assignments in the Hotel Lobby to join the group that interests you.

#### ENVIRONMENTAL

**Topic:** *The Evaluation of Passive FTIR  
Candidate Method to Determine  
Combustion Efficiency from  
Industrial Flares*

**Speaker:** *Walter Crow*  
URS Corporation

#### PSM

**Topic:** *When Does a Burner  
Management System Become  
a Safety Instrumented System  
(SIS)?*

**Speaker:** *Bud Adler*  
Director, Business Development  
Process Safety Systems  
Applied Engineering Solutions, Inc.  
Lake Mary, FL 32746

#### CAST

**Topic:** *Computational Risk v. Actual  
Loss Control Experience*

**Speaker:** *Mike Sawyer*

### Current E-Mail Addresses Needed

Don't forget the newsletter will be going electronic in August, and your current e-mail address is needed:

- National members can update their e-mail address by e-mailing National (xpress@aiche.org).
- Local-only members need to e-mail Jerry Gresham (gresham@pdq.net).
- All members can update their electronic address in Topica (see STS website)
- If you want to continue receiving the hard copy, you have to opt in. Contact Freeman Self, Dave Mitchell, or Matt Kolodney.

### Meeting Location RADISSON HOTEL ASTRODOME (Kirby at South Loop)

WORKSHOP (NO FEES - NO RSVP) ..... 5:30-6:30 p.m.  
SOCIAL PERIOD ..... 6:00-7:00 p.m.  
DINNER ..... 7:00-7:45 p.m.  
PRICE . \$22.00 with reservation • \$24.00 without reservation  
..... Students and Unemployed 1/2 price  
MEETING / SPEAKER ..... 7:45-8:45 p.m.

AUTO - R.S.V.P. By 4:00 p.m., Tuesday, March 30, 2004  
Call (713) 295-4847

Make reservation using the STS web site: [www.sts-aiche.org](http://www.sts-aiche.org)