

The document below, written by the chairs Galen Fisher (Chair) and Johannes Schwank (Co-Chair), summarizes the outcome of the meeting. The funds from DOE are acknowledged below, highlighted in red. This material appeared in the NACS Newsletter July-December 2011.

Highlights: 22nd North American Meeting, June 5-10, 2011

"Driving Catalysis Innovation"



RECORD ATTENDANCE FOR A SUCCESSFUL NAM 22

The Michigan Catalysis Society hosted this year's very successful NAM 22 meeting in Detroit. We thank all of those who came to Detroit and made it the largest NAM meeting so far. Galen Fisher (Chair) and Johannes Schwank (Co-Chair) of the University of Michigan presided over the meeting with Dr. Charlie Kresge of the Dow Chemical Company who served as the Honorary Chair. The meeting set several superlatives in numerical descriptions of the meeting, but the main success was that the attendees reported they had a great time in Detroit in the Marriott headquarters hotel on the Detroit River, enjoyed the Opening Reception at the Henry Ford Museum, were well-fed during the poster receptions with the exhibitors, and celebrated the meeting at the Closing Banquet. **The official meeting attendance was 1251** and more than 65 others registered but were unable to attend the meeting. More than a quarter of the attendees were from outside North America.

We had great support from the corporate catalysis community. Our fund raising team was able to raise over \$250,000 that allowed us to have a meeting with sufficient hot food at our three poster sessions and other events. Our lead sponsor was The Dow Chemical Company. The names of all 31 sponsors and 45 exhibitors can still be seen on the meeting web site, www.22nam.org. In the current economic environment, we are especially grateful for this support which allowed for a significant net income to support future meetings. And with the help of the National Science Foundation, the **Department of Energy**, the NACS, and our local chapter, we were able to offer 106 Kokes Awards for graduate students to attend the meeting and enhance the future of catalysis research. The Kokes Awards were well administered by Fabio Ribeiro (Purdue University) and Suljo Linic (University of Michigan).

The response to the call for abstracts resulted in a record number of submissions leading to our largest number of accepted presentations, 948. Each abstract was peer reviewed by at least 3 reviewers. We thank the more than 330 catalyst researchers from all over the world who contributed their valuable time to the review process. With so many excellent contributions, the Technical Program Committee consisting of Robert McCabe (Ford Motor Company), Eric Stangland (Dow Chemical), and Levi Thompson (University of Michigan) along with Galen Fisher and Johannes Schwank set up six parallel sessions of oral presentations, in addition to three poster sessions. The final program had 444 contributed talks and about 480 poster

presentations. The program and the abstracts are still available at the NAM 22 website, www.22nam.org, and will be on line for at least the next two years.

NAM 22 was opened on June 6, by Galen Fisher, Meeting Chair, and Enrique Iglesia (UC Berkeley), NACS President. Three **plenary lectures** were delivered on successive days by the three NACS 2011 Award winners of the Eugene Houdry Award (James C. Stevens, Dow Chemical), Paul H. Emmett Award (Bert Weckhuysen, Utrecht University), and the Michel Boudart Award (James Dumesic, University of Wisconsin-Madison). The topical program areas were anchored by **twenty four keynote lectures** distributed through the week, so that no keynote lecture overlapped with any other. In addition, the one-day **Haren Gandhi Memorial Symposium**, organized by Robert McCabe, honored Haren Gandhi's long career in automotive catalysis at the Ford Motor Company. Bill Epling (University of Houston) and George Graham (University of Michigan) did an outstanding job organizing three well-attended and very successful poster sessions.

The NAM 22 meeting rooms for the six parallel oral sessions were located in close proximity to each other on two floors of the Marriott Hotel, making it easy to move from one session to another. Refreshments during breaks and appetizers and drinks during afternoon receptions were made available in the exhibit hall, in close proximity to the exhibits and the posters, leading to good interactions between the exhibitors, poster presenters, and the attendees. And free internet was available in the registration area and in the Marriott's hotel lobby. Our amazing Treasurer, Steve Schmieg (General Motors), Paul Fanson, and the team from Meeting Solutions, were able to make excellent and cost effective arrangements. Our Web Site Chair, Dave Barton (Dow Chemical), kept the site up in a timely fashion and set up a talk-by-talk personal scheduler for the first time. Our Publicity Chair, John Gohndrone (Dow Corning), our Fund Raising Chair, Simon Ng (Wayne State), and our Exhibits Chair, Paul Kester (Micromeritics), all did exemplary jobs. Many others listed on the web site made this meeting come off well.

The local arrangements were highlighted by the Opening Reception for about 900 at the Henry Ford Museum in Dearborn on Sunday. This was a reprise of the site for the main reception of the 11th NAM hosted by the Michigan Catalysis Society in 1989. This year we moved the meeting to downtown Detroit where attendees could stroll along the riverside walk. Paul Fanson (Toyota), our Local Arrangements Chair wrote a description of local restaurants and transportation (including the PeopleMover downtown loop monorail) that many found very useful.

Approximately 800 attended the closing banquet at the Marriott on Thursday evening, at which time all of the 2010-11 NACS award winners were honored, recently departed notables in catalysis were recognized, and plans for both the 15th ICC (Munich, July 1-6, 2012) and the 23rd NAM (Louisville, June 2-7, 2013) were presented, respectively, by Johannes Lercher (Technical University of Munich) and Burt Davis (University of Kentucky). We are including here a few pictures from the meeting, but a web site will be set up soon where many more can be seen.

We thank all of those who made this meeting possible and those who attended and brought our catalysis community together again, as we look forward to upcoming NAM meetings in the future.

Galen Fisher
Chair, NAM 22

Johannes Schwank
Co-Chair, NAM 22