LIVING ON $2 A DAY

Women’s Breakfast Looks at Innovations that Raise Standard of Living

What would you do if you had to live on $2? Go to school? Not likely. Eat and drink? Maybe. The $2 a day dilemma was posed to attendees of the TMS Women in Science breakfast Monday morning, as they were shown new ideas for improving the living conditions of the world’s poorest people.

Cynthia Smith of the Cooper-Hewitt National Design Museum, New York, discussed her exhibit “Design for the Other 90 Percent” during the annual breakfast. The exhibit highlighted inventions and devices created to improve the standard of living for the world’s poorest citizens—those who live on less than $2 a day. People in that income bracket make up about 90 percent of the world’s population, Smith said. The designs in the exhibit she curated reflected a new way of thinking, she said, often combining common-sense simplicity with the most current technology.

“This project has been a call to action to architects, engineers, and designers,” she said. Collaborations among different professions have resulted in such products as a straw that acts as a water filter, a solar powered battery charger for hearing aids, and bicycles redesigned to transport larger loads.

Although the exhibit has closed, it lives on-line, Smith said. The web address is other90.cooperhewitt.org.

ENERGY COMMITTEE HOLDS INAUGURAL MEETING

New Committee Welcomes Attendee Participation

This afternoon, TMS invites attendees to be a part of a new technical committee that will focus on efforts to reduce energy consumption and environmental impact in production and manufacturing processes. Central to this effort will be the promotion of the sustainable production and manufacture of materials through fostering technical solutions that increase process efficiency, decrease energy consumption, and minimize process emissions.

The committee will be jointly sponsored by the Light Metals Division (LMD) and the Extraction & Processing Division (EPD) of TMS. Neale Neelameggham, the committee’s founder; Wolfgang Schneider, chair of the LMD; Rob Stephens, chair of the EPD; and Ray Peterson, 2008 TMS vice-president, will host the inaugural committee meeting at 5:00 p.m. in Room 294 of the convention center, immediately following a session of the Carbon Dioxide Reduction Metallurgy Symposium. All are welcome to participate in the committee’s efforts to address this critical industrial need.

SHUTTLE SERVICE AVAILABLE . . .

. . . from Hotels to Convention Center

If your day consists of TMS activities located at both the Hilton New Orleans Riverside Hotel and the Ernest Morial Convention Center, the quickest way to get back and forth is to take one of the shuttle buses that run approximately every fifteen minutes between the two locations. The shuttles stop at most of the area hotels that are not within easy walking distance of the convention center. The shuttles will run from 6:30 a.m. to 7 p.m. today and Wednesday and will run from 6:30 a.m. to 1:30 p.m. on Thursday. The shuttles pick up and drop off in front of the TMS section of the convention center.
TRY THE KNOWLEDGE RESOURCE CENTER

Test Out the New TMS e-Store at the Membership Booth

Most attendees will notice the Knowledge Resource Sales area in the lobby of the convention center, home of TMS publications and products available for sale. When the meeting is over, you can still browse TMS products and services through the new on-line Knowledge Resource Center (knowledge.tms.org). This new e-store replaces the former TMS Document Center as the central on-line location for ordering TMS books, downloading webcasts, and reading technical papers. The resource center has more than 3,000 individual products available for sale or free download from TMS, including webcasts, webinars, individual PDF papers, complete proceedings volumes on text-searchable CD-ROMs or in print, journals, videos, software, reports, and packages of educational materials.

Each attendee received a $10 off coupon to use on future on-line purchases at the Knowledge Resource Center. To tour the new resource center today, visit the TMS Membership Booth in the lobby of the convention center.

NMAB SOLICITS INPUT ON CORROSION EDUCATION . . .

. . . at Town Hall Meeting Today

The National Materials Advisory Board (NMAB) of the U.S. National Academies has convened a committee to assess the level and effectiveness of existing engineering curricula in corrosion science and technology—including corrosion prevention and control—and to recommend actions that could enhance the corrosion-based skill and knowledge base of graduating and practicing engineers. The committee conducting this study, chaired by Wesley Harris from the Massachusetts Institute of Technology, will hold a town hall meeting today to solicit community input as part of their efforts to evaluate the status of corrosion education. The meeting will be held at 5 p.m. in Room 388 of the convention center.

MARIELA BENTANCUR WINS GRAND POSTER PRIZE

Undergraduate from Boise State Wins Student Poster Contest

Mariela Bentancur, an undergraduate from Boise State University, won the $2,500 grand prize at the TMS Technical Division Student Poster Contest on Monday night, as well as an additional $500 division award. Kirsten Kepple of Georgia Tech and Chris John Paul Samuel of the University of Alabama received the TMS Student Ambassador Awards, which will allow them to travel to an international conference. In addition, eight other graduate and undergraduate students were awarded cash prizes in each of the five TMS technical divisions and in a new biomaterials category. See the sidebar for a complete list of winners.

LOCATION CHANGES

Ultrafine-Grained Materials Reception/Poster Session will now be in Room 395-396.

STUDENT POSTER WINNERS

Electronic, Magnetic & Photonic Materials Division
Graduate: Jemima Fernandez, Boise State University
Undergraduate: Mariela Bentancur, Boise State University

Extraction & Processing Division
Graduate: Huigai Li, Shanghai University
Undergraduate: Alexandra Cintron-Aponte, University of Puerto Rico-Mayaguez

Light Metals Division
Graduate: Lilia Olaya-Luengas, University of Puerto Rico-Mayaguez
Materials Processing & Manufacturing Division
Graduate: Chris John Paul Samuel, University of Alabama
Undergraduate: Sharla Hopkins, Boise State University

Structural Materials Division
Graduate: Hannah Yount Swoboda, University of Wisconsin-Madison
Undergraduate: Carla Principe, University of Puerto Rico-Mayaguez

Biomaterials
Graduate: Ryan Ross, University of Notre Dame
Undergraduate: Kirsten Kepple, Georgia Institute of Technology

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