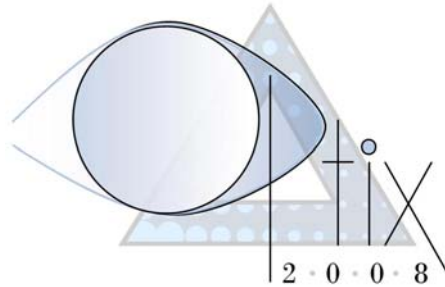




February-March 2008

THE NATIONAL COMPOSITE CENTER (NCC) AND THE ENGINEER'S CLUB OF DAYTON TO HOST OPTIX 2008 "OPPORTUNITIES, TECHNOLOGIES & IDEAS EXCHANGE IN APRIL"

The National Composite Center (NCC) and The Engineer's Club of Dayton will host OPTIX 2008 April 22 – 23. With the theme "Opportunities, Technologies & Ideas Exchange," the two-day event offers participants the chance to access critical information, network and exhibit.



Wednesday's program features keynote speaker Joe Sciabica, Air Force Research Laboratory, Wright-Patterson Air Force Base. Participants will also interact with a panel of experts which includes:

Tuesday's keynote speaker is Joe Carpenter, Department of Energy (DOE). Presentations include NCC insights on bio, nano, Quickstep and ballistic panels development as well as critical discussion and perspectives from project partners. The day will conclude with a cocktail reception at the Engineer's Club. Partners include:

- Brian Knouff, CompositesDOC
- Ken Berta, daytaOhio

- Chris Vicory, Kurz-Kasch
- J. Andrew Axel, Lignotech
- Art Fritts, Nanosperse
- Bill Riehl, Phoenix Nanosystems
- Tom Willis, Precision, Energy & Technology
- Tom Mesing, Vector Composites Inc.

- Christina Howard - VP Entrepreneurial Dev./Dayton Development Coalition
- Dwight Rust - Senior Technical Consultant/NCC
- Flake Campbell - Senior Technical Consultant/NCC
- Harry Couch - Senior Technical Consultant/NCC
- Jim Hartings - Senior Technical Consultant/NCC & UDRI

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ENGINEERS CLUB BECOMES NCC MEMBER, TAKES OVER CATERING AND CELEBRATES 90TH ANNIVERSARY

The Engineers Club of Dayton has become a partner level member of NCC and taken over the Center's catering services. Since January the Engineers Club has catered more than 40 events at NCC.

NCC attended the event to lend its presence and support to the Club and its importance to the Greater Dayton region.



F. Kettering, members of a group called the Barn Gang that met in a barn on Deed's property to discuss engineering and scientific issues. Both men realized that Dayton was among the leading industrial cities in the United States due to the skilled engineers and technicians working in the city.

In February the Engineers Club also celebrated 90 years of operation with a special Gala which featured speaker Tom Crouch, Senior Curator of the Smithsonian's National Air and Space Museum.

The Engineers Club was founded in 1914 by Colonel Edward A. Deeds and Charles

On February 2, 1918, the new building was dedicated. Orville Wright made a rare public speech and

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PERSONNEL UPDATES AND AWARDS

NCC saw personnel changes and issued an award during first quarter. The Center named Sead Uruci Employee of the Quarter, spun off an engineer and added a new composite engineer to its staff.

Nominated by his co-workers, Uruci was recognized for his work skills and his support to other personnel. In addition to Quickstep technology, Uruci works with the Center's Large Scale Preforming process and is gearing up the Medium Scale Preforming cell.

In addition to spinning off new businesses, NCC also continually



Sead Uruci

"graduates" skilled employees. Pritam Das, who helped to manage NCC's Thermoplastics Center and recently played an essential role in the launch of the first Composites on the Move



Melanie Bowser

conference, has moved to a new position on the West Coast.

In February, the Center added Melanie Bowser as composite engineer for a variety of projects. In August 2007,

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ENGINEERS CLUB BECOMES NCC MEMBER, TAKES OVER CATERING AND CELEBRATES 90TH ANNIVERSARY *Continued From Page 1*

accepted the "keys to the property," which he then turned over to the membership. In his speech, Orville emphasized the responsibility of the membership, present and future. The Engineers Club building was recently placed on the National Registry of Historical Places by the US Department of Interior.

Today the Engineers Club continues its traditions and has tapped the NCC network through membership. "We wanted to access the NCC community

to grow our business and to help attract business downtown," said Darbie Kincaid, General Manager for the Engineers Club. "NCC offers connectivity to resources; companies and individuals that we feel are a fit for the Engineers Club. By becoming a member the Engineers Club enters a reciprocal relationship that is very beneficial." Rebecca Smith is the new onsite catering manager. She can be reached at eccatering@compositecenter.org, or 937-297-9516.



NCC's Alan Fatz and Debi Talentino attend Gala.





NCC AND THE ENGINEER'S CLUB TO HOST OPTIX 2008 IN APRIL

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- Joe Zeis - VP Aerospace & Defense/Dayton Development Coalition
- Raj Mehta - Chief Scientist/Standard Register
- Terry Rapock - CEO/daytaOhio

A Composite Market Direction presentation will be provided by Tia Benson-Tolle, AFRL/RXB; Cedric

Ball, Ashland Chemical and Akshay Waghray, Honeywell. Networking opportunities will be provided as well as optional tours to the Air Force Museum, daytaOhio and Hawthorne Hill, the home of Orville Wright. In addition, participants can take advantage of attending a Dragon's baseball game. Booth and table space, tours and the Dragon's game are available on a first-come/first-serve basis.

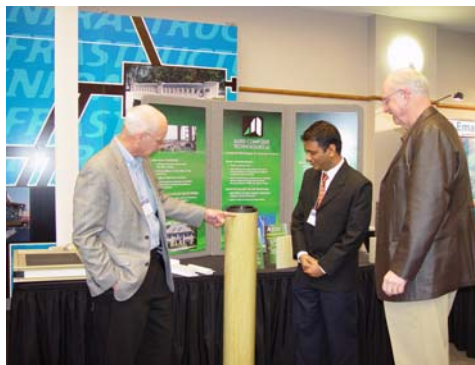
Attendees interested in exhibiting or attending one or more tours will need to indicate the appropriate selections on their registration forms.

For more information or to register visit www.compositecenter.org. From the home page, click on News and Events and select the OPTIX drop down. Individuals can also contact Debi Talentino at 937-297-9465.

FIRST "COMPOSITES ON THE MOVE™" CONFERENCE & EXPO HELD AT NCC

The SPE® Composites Division, SPE Miami Valley Section and the National Composite Center (NCC) launched a new conference & expo "COMPOSITES ON THE MOVE – 2008" March 25. More than 100 manufacturers and suppliers attended. A number of companies also exhibited.

Charlie Kazmierski and Sanjay Majundar of Lucintel gave a morning keynote on wind energy. Following lunch Tony Camarota of AMCRG gave a keynote on flame retardents for composites. Ed Zenk, International Trucks and Engine gave the afternoon keynote on composites for heavy duty trucks. During the reception, Alexis Abramson, The Nano Network, discussed the landscape of nano-composites in Ohio.



SCENES FROM COMPOSITES ON THE MOVE 2008 CONFERENCE & EXPO

Other presentations included:
Tony Woodall, PCT, Inc. "Composite Concrete Preforms"
Michael Favaloro, Ticona "PPS Composite Preforms"
Tim Johnson, Nida-Core "Advancements in Closed Molding of Sandwich Structures"

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FIRST “COMPOSITES ON THE MOVE™” CONFERENCE & EXPO HELD AT NCC

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Mark Seggar, GrafTech International Holdings Inc., “Carbon Foams”
Vinicius Mardegan, Ticona “New Composite Long Glass Polyacetal”
Darin Grinsteiner, Composites Products, Inc., “In-line Compounding of Long Fiber Thermoplastics”
Al Murray, Allied Composite Technologies “Basalt Fibers”
Tom Heyer, Ticona “Continuous Thermoplastic Materials and Processes”
Brian Hynes, Azdel, Inc., “Thermal Forming GMT”
Chris Edwards, Fulcrum Composites “Fulcrum Composite Applications”
Seth Kessler, Metis Design “Designing Composite Reliability”
Probir Guha, Continental Structural Plastics “SMC Compounding”
Fred Deans, Azdel, Inc., “New Generation of GMT”
Ben Luedtke, Quickstep Technologies Inc., “New Out of Autoclave Process”

Chris McClure, McClure Consulting, LLC, “The Future of the Composite Garage Door”
Dan Buckley, American GFM, “Preforming Process For Engineering Fabrics”
Zeba Farheen Abdul Samad, University of Illinois, Urbana-Champaign, “Carbon Fiber ATSP High Temp Composites”
Ara Asadorian, Schibley Chemical, “Film Transfer Technology”
Sean Lofgren, Lucintel, “Growth Opportunities for Composites in the Aerospace Market”
Richard F. Zopf, Zeon Technologies Inc., “New Thermosets for the Manufacture of Composite Parts”
Jeff Robbins, Meridian, “Advances in Thermoset & Thermoplastic Composites”
Chris Rydzik, Cyclics, Inc., “Cyclics for Composites”

The conference focused on the design flexibility, strength, corrosion resistance and light-weight benefits

that makes composites the preferred material for an increasing number of applications that include wind energy, commercial transportation, heavy duty truck, off-highway, building & construction and marine.

In addition, the conference highlighted technical advancements in composites applications and helped to identify opportunities for market growth.

Despite the advantages, composites represent only 1.5 percent of the materials market. Education, promotion and ongoing communication about the technical advantages and benefits of composites materials through events like the Composites On the Move conference is key to increasing the use of advanced materials in more products.

NCC EXHIBITS AT ACMA – LOU LUEDTKE TALKS ABOUT CENTER’S UNIQUE INCUBATION MODEL

The American Composites Manufacturers Association (ACMA) held its conference at The University of Alabama at Birmingham (UAB), March 4-6, 2008. The technical conference provided a networking forum for more than 300 attendees from industry, academia, national labs and businesses involved with applications development using engineered composites

and plastics. NCC exhibited at the conference and participated in its presentation lineup.

Lou Luedtke, President and CEO of NCC was a featured speaker with “Incubation Support for Light Weight Materials Development.” Luedtke provided examples of how NCC’s unique model provides critical assistance to large and small companies working to transition new light weight

materials into commercial products. The talk generated interest in the Center with a number of people coming up afterwards to discuss possible Small Business Innovation Research (SBIR) projects. NCC showcased its range of technology capabilities and the network of resources it provides. Booth traffic was high generating visitor interest in the Center’s technology menu.





PERSONNEL UPDATES AND AWARDS

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Bowser moved from Columbus, Ohio to Dayton to work for NCC as a contract engineer. She participated in a composite rebar project, ballistics projects, and contributed her engineering skills to several nano technology projects as well as NCC's new Nanocomposites Laboratory.

Prior to her position at NCC, Bowser held key positions with Hexcel Composites in Lancaster, Ohio as both a quality and environmental engineer. Hexcel Corporation is one of the world's leading advanced

structural materials companies. Bowser has also worked for Equistar Chemical, (now Lyondell Chemical), formerly known as Quantum Chemical and Millennium Petrochemical. Equistar was the nation's number one producer of polyethylene and third in the nation for polypropylene.

A graduate of the University of Cincinnati's College of Engineering, Bowser holds a bachelor's degree in Materials Engineering. She began her career as a co-op with Quantum/Equistar at their R&D facility in Cincinnati, and was hired upon graduation

and placed at the Compounding Plant in Heath, Columbus. In addition to installing a new \$2.8 million dollar compounding line, new lab and offices on schedule and within the budget, Bowser worked as a quality, process and production engineer, and as a project manager.

"I'm really excited about the opportunity to interact with such diverse talent at NCC and am committed to helping the Center accelerate toward a great future," Bowser said.

