Joint Meeting with the Technical Societies Council (TSC)
Thursday – March 12, 2020

SPEAKER: Martha Bohm, Assistant Professor – UB School of Architecture

TOPIC: GRoW Home

“In this presentation, the faculty leader of the University at Buffalo Solar Decathlon team will discuss the overall requirements of the Department of Energy Competition, provide an overview of the mechanical system design for the house, share the results from the 2015 competition, and talk about next steps for the house as an energy education center on the University at Buffalo campus. At the conclusion of the presentation, attendees will have a better understanding of the constraints of the Solar Decathlon competition, what types of mechanical systems may be appropriate for zero net energy houses, and how such systems can be expected to perform.”

Location: Salvatore’s Italian Gardens
6461 Transit Road
Depew, NY

Time: Social Hour 5:30 p.m. (Cash Bar)
Dinner 6:30 p.m.
Dinner Choices: Chicken Parmigiana, Prime Rib (10 oz.), Fresh Salmon, Vegetarian Option

Cost: Members $25.00
Students Free

RESERVATIONS: Please make reservations by March 5, 2020
Contact Stan Biernat: sbiernat@moog.com; 716-805-2285
Chuck Lafountain: clafountain@diamondsaw.com; 716-496-7417

Feel free to post this newsletter for your coworkers!
ABOUT the SPEAKER
Martha Bohm

Martha Bohm is the Associate Dean for Academic Affairs for the School of Architecture and Planning, and an Associate Professor in the Department of Architecture at the University at Buffalo, part of the SUNY system. She teaches design, ecological practices, sustainability, resilience, and environmental systems. Her interests include finding ways to integrate analytical tools into design processes in order to better see the unseeable: energy, comfort, climate, air movement, and so on. She was the faculty lead on UB’s GRoW Home, the 2nd-prize winner in the 2015 US Department of Energy Solar Decathlon. She is the co-editor of the book Beyond Patronage: Reconsidering Models of Practice, published in 2015 by Actar. Before coming to UB she was Sustainable Design Coordinator at William McDonough + Partners in Charlottesville, VA. Prior to that she taught at Cornell. She was a Ginsberg Research Fellow at USGBC and authored the USGBC Research Committee’s National Green Building Research Agenda. She earned her M Arch at the University of Oregon, where she was director of the Ecological Design Center, and also co-founder of Design-Bridge, a community-oriented student design-build program. Before graduate school, she worked as a Natural Resource policy analyst at the National Governors’ Association Center for Best Practices. She got her BA in Earth and Planetary Sciences from Harvard.
# INDEX

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEETING INFORMATION</td>
<td>1</td>
</tr>
<tr>
<td>ABOUT OUR SPEAKER</td>
<td>2</td>
</tr>
<tr>
<td>INDEX</td>
<td>3</td>
</tr>
<tr>
<td>CHAPTER UPDATE</td>
<td>4</td>
</tr>
<tr>
<td>OFFICERS AND DIRECTORS</td>
<td>4</td>
</tr>
<tr>
<td>ADVERTISERS I</td>
<td></td>
</tr>
<tr>
<td>ALLIED HIGH TECH PRODUCTS</td>
<td>5</td>
</tr>
<tr>
<td>BROOK ANCO</td>
<td>5</td>
</tr>
<tr>
<td>BUEHLER</td>
<td>6</td>
</tr>
<tr>
<td>CURTIS-WRIGHT IMR TEST LABS</td>
<td>6</td>
</tr>
<tr>
<td>MATERION</td>
<td>7</td>
</tr>
<tr>
<td>METLAB</td>
<td>7</td>
</tr>
<tr>
<td>NIAGARA SPECIALTY METALS</td>
<td>8</td>
</tr>
<tr>
<td>STRUERS</td>
<td>8</td>
</tr>
<tr>
<td>THERMOSCIENTIFIC</td>
<td>9</td>
</tr>
<tr>
<td>LECO</td>
<td>9</td>
</tr>
<tr>
<td>ADVERTISERS II</td>
<td></td>
</tr>
<tr>
<td>INEX</td>
<td>10</td>
</tr>
<tr>
<td>PRECISION SCALE &amp; BALANCE</td>
<td>10</td>
</tr>
<tr>
<td>STERLING SAW BLADES</td>
<td>10</td>
</tr>
<tr>
<td>ADVERTISERS III</td>
<td></td>
</tr>
<tr>
<td>ATI SPECIALTY MATERIALS</td>
<td>11</td>
</tr>
<tr>
<td>MOOG</td>
<td>11</td>
</tr>
<tr>
<td>NORTH AMERICAN HOGANAS</td>
<td>11</td>
</tr>
<tr>
<td>PELLETS INC</td>
<td>11</td>
</tr>
<tr>
<td>VAL-KRO</td>
<td>11</td>
</tr>
<tr>
<td>2019 – 2020 PROGRAM</td>
<td>12</td>
</tr>
</tbody>
</table>
## Buffalo Chapter Officers and Directors

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Chuck Lafountain</td>
<td>716-496-7417</td>
<td><a href="mailto:clafountain@diamondsaw.com">clafountain@diamondsaw.com</a></td>
</tr>
<tr>
<td>Co-Chair / Program</td>
<td>Renee Lueke</td>
<td>716-686-1488</td>
<td><a href="mailto:Renee.Lueke@zodiaaerospace.com">Renee.Lueke@zodiaaerospace.com</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Herb Wilber</td>
<td>716-291-5581</td>
<td><a href="mailto:herb.wilber@us.panasonic.com">herb.wilber@us.panasonic.com</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Mary Jane Hornung</td>
<td>716-667-6552</td>
<td><a href="mailto:Mary-Jane.Hornung@cobham.com">Mary-Jane.Hornung@cobham.com</a></td>
</tr>
<tr>
<td>Director</td>
<td>Lee Gearhart</td>
<td>716-687-4475</td>
<td><a href="mailto:lgearhart@moog.com">lgearhart@moog.com</a></td>
</tr>
<tr>
<td>Director</td>
<td>Kira Berent</td>
<td>719-446-2299</td>
<td><a href="mailto:Kira.Berent@materion.com">Kira.Berent@materion.com</a></td>
</tr>
<tr>
<td>Director</td>
<td>Tom Herdlein</td>
<td>716-446-5771</td>
<td><a href="mailto:Thomas.Herdlein@materion.com">Thomas.Herdlein@materion.com</a></td>
</tr>
<tr>
<td>Director</td>
<td>Tim Kosto</td>
<td>716-439-6570</td>
<td><a href="mailto:tj.kosto@verizon.net">tj.kosto@verizon.net</a></td>
</tr>
<tr>
<td>Director</td>
<td>Phil Aronica</td>
<td>716-282-6950</td>
<td><a href="mailto:phil@metlabcorp.com">phil@metlabcorp.com</a></td>
</tr>
<tr>
<td>Director</td>
<td>Stan Biernat</td>
<td>716-805-2285</td>
<td><a href="mailto:sbiernat@moog.com">sbiernat@moog.com</a></td>
</tr>
<tr>
<td>Director</td>
<td>Tim Gelnnett</td>
<td>716-542-5552</td>
<td><a href="mailto:tim@nsm-ny.com">tim@nsm-ny.com</a></td>
</tr>
<tr>
<td>Director / Web Page</td>
<td>Peter Witting</td>
<td>716-276-9920</td>
<td><a href="mailto:pwitting@harperintl.com">pwitting@harperintl.com</a></td>
</tr>
<tr>
<td>Director</td>
<td>Henry Kammerer</td>
<td>716-984-0635</td>
<td><a href="mailto:HGKmrer@aol.com">HGKmrer@aol.com</a></td>
</tr>
</tbody>
</table>

Many hands make light work! Feel free to contact an Officer or Board Member to learn more about how you can help the Chapter!
Innovations Since 1936

Wilson™ VH3300
with DiaMet™ Software

EcoMet™ 30

IsoMet™ High Speed

AREA CONTACT:
SANDY ANDERSON
Cell: 908-812-0730 | Office: 224-513-6335
Email: sandy.anderson@buehler.com
For Easy to Order Consumables Visit shop.buehler.com

---

Not Just Data, KNOWLEDGE

Accredited, Full Service Materials Testing Labs with a Dedicated Staff of Scientists, Engineers, Chemists, Lab and Support Personnel

- Mechanical Testing
- Corrosion Testing
- Failure Analysis
- Fatigue Testing
- Chemical Analysis
- Metallurgical Evaluation
- Coating & Plating Evaluation
- Polymer & Composite Testing

CONCISE REPORTS - QUICK TURNAROUND
SUPERIOR CUSTOMER SERVICE

Lansing, NY
Louisville, KY
Portland, OR
Singapore
Suzhou

IMR TEST LABS
1.888.464.8422 :: www.imrtest.com
MIND OVER MATERIALS

Materion enables what’s next. Our core strengths in innovation and disciplined execution serve a global customer base at the intersection of emerging technologies and high-growth applications.

Real people.
Real ideas.
Real solutions.

TO LEARN MORE ABOUT OUR TECHNOLOGY AND MATERIALS SOLUTIONS, VISIT US ONLINE AT MATERION.COM.

FOR ALL YOUR METALLOGRAPHIC NEEDS SINCE 1968. CALL FOR MORE INFORMATION

1-800-828-6866
www.metlabcorp.com
Niagara Specialty Metals
www.nsm-ny.com
(716)542-5552
12600 Clarence Center Rd, Akron, NY

Robert Shabala, President bob@nsm-ny.com
Timothy Gelnett, Vice President tim@nsm-ny.com
Jeff Rich, Sales Manager jeff@nsm-ny.com

Niagara Specialty Metals is a manufacturer of hot rolled sheet and plate. We stock several grades of alloyed steel for immediate production. We also process customer owned material by hot rolling, flattening, cutting and heat treating.

We specialize in custom sizes and fast deliveries for any size order. Visit our website at nsm-ny.com for a complete list of grades and services as well as pricing.

---

Struers
Ensuring Certainty

Metallography & Hardness Testing

When it comes to your metallographic preparation and testing solutions, Struers delivers...

- Powerful Equipment
- High-Quality Consumables
- Intelligent Support
- Outstanding Service

Contact Struers Account Representative
Claude Henry at 724.371.0814
claude.henry@struers.com
ARL easySpark

Revealing the power of metals analysis

The new Thermo Scientific™ ARL easySpark™ benchtop metals analyzer is designed to meet the challenges and demands of small to medium-sized metal manufacturers that need high-quality and cost-effective OES analyses. With its unique multi-grating/CCD based optical design, the ARL easySpark provides full elemental coverage, optimal resolution and stability.

Find out more at thermofisher.com/easyspark
Thank you to all our Advertisers!!! Your advertising dollars are used to maintain the viability of the Buffalo Chapter of ASM International. They are used to support chapter activities such as defraying dinner meeting costs, speaker awards and to fund scholarships for outstanding students. The Buffalo Chapter could not exist without your support!!!

We encourage our membership to patronize our advertisers.
Mission Critical Metallics®
© 2013 ATI. All Rights Reserved.

ADVERTISING SPACE IS STILL AVAILABLE. IF YOU ARE INTERESTED IN PLACING AN AD, PLEASE CONTACT TIM GELNETT TIM@NSM-NY.COM
### 2019 – 2020 TENTATIVE PROGRAM
Below are the meetings tentatively planned for the upcoming program year.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
</table>
| September 12, 2019 | Tour of Safran dba AVOX  
225 Erie Street  
Lancaster, NY 14086 |
| November 14, 2019 | ADVERTISER APPRECIATION NIGHT  
Technical Meeting  
Chris Heczko  
Product/Engineering Application Specialist  
Dura-Bar |
| February 27, 2020 | STUDENT NIGHT  
Technical Meeting  
Jason Williams  
Assistant Teaching Professor at Penn State Behrend  
Plastics Engineering - What is it and what do plastics engineers do? |
| March 12, 2020  | Joint Meeting with the Technical Societies Council Meeting  
Martha Bohm  
Assistant Professor – UB Schools of Architecture  
GRoW Home |
| May 2020        | Social Event |

If you have an idea for a meeting, or event, please contact a Buffalo Chapter Officer or Director. All ideas are welcome!!!