

Global Business Club of Mid-Michigan

Sustainably Lighting the World: A Conference on Light & Light-Based Technologies

Sunday, October 25th, 5:30pm-8:30pm, Abrams Planetarium (Dinner)

Monday, October 26, 8:30am-5:00pm, MSU Henry Center – 3535 Forest Road (Main Conference)

Oct. 25: United Nations Day Gala Program & Dinner

- 5:30–6:30 p.m. **Registration & Hors d'oeuvres**
- 6:30-7:15 p.m. **Welcome: Lynn Bartley, President, Greater Lansing United Nations Association**
Introduction of Keynote: Prof. James K. McCusker, Director, Center of Research Excellence in Complex Materials
Keynote: Daniel G. Nocera, PhD,
Patterson Rockwood Professor of Energy, Harvard University.
Winner of the United Nations Science & Technology Award
- 7:15-7:45 p.m. **The Sustainable Development Goals: Multilateralism and The Path Forward**
Michael Beard, Executive Director, UNF Advocacy
- 7:45-8:15 p.m. **Education Awards for Global Engagement**
- 8:15-8:30 p.m. **Closing & Planetarium Presentation on Light Pollution**

Registration is \$25 for GLUNA members and \$30 for non-members. This event is free to MSU students, faculty, and staff, with thanks to the MSU Center for Research Excellence in Complex Materials. Please register & confirm at <http://GLUNA.org> (MSU affiliates please DO NOT complete payment online)

Oct. 26: Light Technologies as a Sustainable Business Model

- 8:00 a.m. **Registration**
- 8:30 a.m. **Welcome: Steve Hanson, Associate Provost & Dean of Int'l Studies & Programs, MSU**
- 9:00-9:30 **Julie Baldwin, Manager of Renewable Energy, MI Public Service Commission**
"The State of Michigan's Agenda for Solar and Sustainable Energy"
- 9:30-10:00 **Dr. Richard Chylla, Executive Director, MSU Technologies**
"Bringing Our Research to the World: The Role of MSU Technologies"
- 10:00-10:30 **Prof. James K. McCusker, Director, Center of Research Excellence in Complex Materials**
"CORE-CM: An Interdisciplinary Center for the Promotion of Scientific and Engineering Advances in Materials and Energy Sciences" (<http://www.pa.msu.edu/cmp/CORE-CM/CORE-CM.html>)
- 10:30-11:00 **Coffee Break**
- 11:00-11:30 **Prof. Richard Lunt, MSU Dept. of Chemical Engineering & co-founder, Ubiquitous**
"Unique Opportunities for Excitonic Photovoltaics, Solar Concentrators, and Light Emitting Diodes" (<http://www.egr.msu.edu/~rlunt/>)
- 11:30-11:50 **Question and Answer Roundtable**

- 12:00-1:30 LUNCHEON KEYNOTE: How Making the Case for Climate & Energy Isn't Just About Climate & Energy**, Michael Beard, UNF Advocacy
- 1:30-2:00 Prof. James McCusker**, MSU Dept. of Chemistry
"Earth-abundant Materials for Light Capture: Challenges and Opportunities in Energy Science" (<http://www2.chemistry.msu.edu/Faculty/mccusker/jim.html>)
- 2:00-2:30 Prof. Thomas Hamman**, MSU Dept. of Chemistry
"Charge-transfer Reactions at Semiconductor Surfaces for Solar Energy Conversion" (<http://www2.chemistry.msu.edu/faculty/hamann/>)
- 2:30-3:00 Prof. Chong-Yu Ruan**, MSU Dept. of Physics & Astronomy
"Imaging with photons and electrons: The development of femtosecond electron microscope" (<http://www.pa.msu.edu/cmp/uec/ruan.htm>)
- 3:00-3:30 Coffee Break**
- 3:30-4:00 Prof. Remi Beaulac**, MSU Dept. of Chemistry
"Light Emission from Inorganic Materials: From Becquerel's Ruby to Nanocrystals" (<https://www.chemistry.msu.edu/faculty-research/faculty-members/remi-beaulac/>)
- 4:00-4:30 Prof. Warren Beck**, MSU Dept. of Chemistry
"Energy Transfer by Carotenoids in Photosynthetic Light-harvesting Systems" (http://www2.chemistry.msu.edu/faculty/beck/contact_vita.html)
- 4:30-5:00 Prof. David Kramer's group**, MSU Plant Research Laboratory
 TBA (<https://prl.natsci.msu.edu/people/faculty/david-m-kramer/>)
- 4:30-5:00 Q&A Round Table & Concluding Comments**

Registration is \$35 and includes lunch and break service. This event is free to MSU students, faculty, and staff, with thanks to the MSU International Business Center. Please register & confirm at <http://GBClub.msu.edu> (MSU affiliates please leave "method of payment" as "check" and DO NOT complete payment online)

www.GBClub.msu.edu - 517.353.4336 – check us out on social media:   

MICHIGAN STATE UNIVERSITY

Broad College of Business
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