Lehigh Valley ACS Section Meeting  
Moravian University 🌟WolframAlpha

Thursday, January 25, 2024

Collier Hall of Science, Moravian University

Social 5:30 pm / Dinner 6:00 pm: Collier Hall of Science Atrium
Meeting/Program 7:00 pm: Collier Hall of Science 204 Dana Lecture Hall

Chemical Superpowers with ChatGPT + Wolfram

Speaker: Jason Sonnenberg, Wolfram|Alfa

Abstract: ChatGPT from the AI research and deployment company OpenAI upended chemical education and research. For all its remarkable prowess in “textually imitating” human writing, it can’t be expected to do nontrivial computations correctly. Wolfram makes ChatGPT smarter by giving it access to powerful computation, accurate math and curated chemical knowledge through Wolfram|Alpha and WolframLanguage. The resulting collaboration between ChatGPT and Wolfram produced a powerful “chemical assistant” that can aid students, educators, and researchers alike. The transformative potential of this technology in facilitating chemical education and research, as well as empowering educators to create dynamic and engaging learning experiences, will be illustrated.

Speaker Biographical Information: B.S. The Ohio State University, Ph. D. Computational Chemistry, Wayne State University.

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Social Hour Menu: Cheese & Crackers, Fruit Tray, Beverage  
Dinner Menu: Grilled Chicken with Bruschetta Topping  
Cost: $30 for members, $15 for students.  
RSVP: June Thompson 610-861-1425; thompsonj03@moravian.edu by Wednesday, Jan 17

Directions: https://www.moravian.edu/landmarkconference/directions

Parking: Along Main Street in Bethlehem, also Campus Lots B, M, N, O, and X [see map].

Meeting Organizer Contact Information: Steve Dunham dunhams2@moravian.edu