Workshops

101: Problem-Based Learning in the K-12 Science Classroom
Presenter: Tom McConnell – Ball State University
Description: NSTA Author leads this workshop for K-12 Teachers on how to use materials in the Problem-Based Learning in the Science Classroom series from NSTA Press. Participants will experience activities from the books as they discuss how to plan, facilitate and assess learning in a PBL lesson.
Audience: General
When: Sunday, February 17 - 1pm to 4 pm

102: Inquiry-Based Teaching Through Children's Literature: NSTA Picture-Perfect STEM Teaser Session for Grades 3rd-8th
Presenters: Sumreen Asim and Melanie Hughs - Indiana University Southeast
Description: Science is fun! Participants will engage in hands-on 5E model lessons anchored in children's literature. Get ready to work and play in cooperative learning groups during this session.
Audience: Elementary (K-5), College
When: Sunday, February 17 - 1 pm to 4 pm

103: Science & Literacy
Presenters: Kristen Poindexter - Chapel Hill Elementary an Dawn Bick – Hebrew Academy
Description: Participants will use a provided trade book to learn how to write a STEM unit based on the 5E model. Bring a device to type on!
Audience: Pre-Elementary (PreK - 2), Elementary (K-5),Middle Level (6-8)
Limit: 30
When: Sunday, February 17 - 1pm to 4 pm

104: Gaming as an Educational Tool
Presenters: Lee Jordan – Purdue University
Description: Game play is part of learning. Find out how to evaluate and use a game for K-12 science education.
Audience: Elementary (K-5),Middle Level (6-8),High School (9-12)
When: Monday, February 18 - 8 am to 11 am

105: Educating for Environmental Change with Authentic Science Practices
Presenters: Emmy Brockman and Kirstin Milks
Description: We're a collaboration between IU, WonderLab Museum, and teachers. Join us to explore free, hands-on resources for teaching grades 7-12 about climate! Laptop recommended.
Audience: General
When: Tuesday, February 19 - 8 am to 11 am