MNTeSIG Live!

https://www.mntesig.net/2020-mntesig-live.html

Virtual MNTeSIG Conference – Agenda

Time (***Eastern***): 12-3:30 Monday & Tuesday July 27 & 28

Participant Instructions:

- We will be using Zoom – be familiar with the applications.
- If you registered on the MNTeSIG site – you will receive a Zoom registration link which will work on both days of the conference.
- Please mute your mic when not speaking. Feel free to put your questions in the chat box. Provide your email in the chat box for follow-up later.
- You can save the chat box before the end of the day's session.
- At 2:30 PM we will be breaking out into sub-teams. Please make your break-out group selection at any time before then via the chat window.
- We will be sharing the participant list via a post conference email as well as the MNTeSIG Asset Book. If you do not want your information shared please contact Kate Alcott alcottk@sunypoly.edu
- This meeting will be recorded, presentations will be made available through the MNTeSIG website. Let Matt know if you do not wish to have your presentation recording made available.

Monday - July 27, 2020

11:45 – Sign In, test connections

12:00 Welcome – Matthias Pleil, Bob Ehrmann

12:15 MNT-EC National Center Presentation/Discussion – Jared Ashcroft, Billie Copley, Peter Kazarinoff

1:00 Lightening Round Presentations and Posters – Kate Alcott and Bob Ehrmann

*Presentations are **strictly limited** to 5min each*

	Name	Affiliation	Title
1	Kendrick Davis	MNT-EC	Equity in STEM Education
2	Paul Weber	Utah Valley College	VR Simulations for Teaching and Industry
3	Danny Kainer	Lone Star College-Montgomery	Learning by Teaching: A Student-Developed DNA Sequencing Educational Kit
4	Tanya Faltens	nanoHUB (Purdue University)	An Introduction to nanoHUB.org for MNT Education

5	Neda Habibi	Northwest Vista College	AIM-TEC (Alamo Institute for Materials (micro, bio, nano) - Technology)
6	Hector Baez Medina	National Polytechnic Institute, Mexico	Micro and Nanotechnology at the IPN in Mexico. Let's Collaborate!
7	Marco Cureli	Omni Nano	Digital Resources to Teach Nanotechnology
8	Ahmed Khan	World Learning, Inc, Washington DC	Online Visualization and Simulation Tools for Teaching Nanotechnology
9	Nancy Louwagie	Normandale Community College	DELIVERing a ReVAMPed Vacuum Technology Program
10	Maude Cuchiara	RTNN – North Carolina State U	RTNN - Take Out Science

2:00 Sub Team Presentations – What we've done and plan on doing – 6min each

1. Industry – Cait Cramer – Ivy Tech
2. Curriculum – Marco Cureli
3. Distance Learning – Nancy Louwagie.
4. Outreach – Billie Copley
5. Professional Development – Jim Smith

2:30-2:40 – Final Break out selection and placement

2:30 Sub Team Breakouts Sessions ~45min – join a team!

4:30 – Happy Zoom Hour Social! Talk to the speakers (we'll set up some break out rooms)

Tuesday -July 28, 2020

11:45 Sign in, test connections

12:00 **Keynote – Jessica Gomez** – founder and CEO, Rogue Valley Microdevices "*Consolidation, Collaboration, Specialization: How Will MEMS Fabs Manage Changing Dynamics?"*

12:45 Sub Team Report Outs: (5x6min) plus Q&A

1:30 **Keynote – Mike Russo** (SEMI) – Vice President Industry Advancement and Government Programs SEMI - "*SEMI Works™ - a systematic approach to align, develop, and advance a national skills-based talent pipeline"*

2:15 – Lightening Round Presentations and Posters – Kate Alcott and Bob Ehrmann

Presentations are ***strictly limited*** *to 5min each*

	Name	Affiliation	Title
1	Ozgur Cakmak	Penn State - Center for Nanotechnology Education and Utilization	A home developed lithography code to enhance the learning experiences in nanotechnology courses
2	Aaron Reedy	DataClassroom	DataClassroom: A push- button tool for easy graphing and statistics
3	Sophia Barber	MNT-EC - PCC	Converting a General Chemistry Class to a Remote Format: the analysis of a simulated integration

			using DataClassroom, Jupyter Notebook, nanoHUB, and Canvas
4	MD Farlaz Rubby	University of Texas Rio Grande Valley	Low-Cost Microfluidic channel Fabrication for lab-on-a-chip application using optimized SU-8 soft lithography.
5	Kalaumari Mayoral Pena	Tecnologico de Monterrey	Generating Low-cost Educational Materials for Teaching Electrochemical Biosensors
6	Jerry Cronin	Hopi Jr./Sr. High School	Environmental Catalysis: Synthesis and Performance of CU-ZSM-5 Catalyysts for Reduction of NOx Emissions from Automotive Deisel Engines.
7	Auro Ashish Saha	Pondicherry Engineering College, Pondicherry, India	Multiscale Multiphysics Modeling Framework for Industry 4.0
8	Maajida Murdock	Randallstwon High School - BCPS	Reflection of a Nano-Link technology coach

3:00 Questions / Discussion for Day 1 -2 Lightening Round Presenters

3:20 Closing Remarks

Don't forget to respond to the ***survey request***!

3:30 PM Official MNT^{e}SIG Live Close

3:31 PM **Networking Happy Hour** –- Talk to the speakers (we'll set up some breakout rooms)

Speakers please **submit** your presentations/posters by ***Saturday 7-25-20:***
https://forms.gle/2dkhzExfgnYcmz7i9