

2017 MTEEA Fall Conference Program

Conference Theme: “Re-Framework Tech Ed/Engineering Ed”

Sept. 28, Thursday Evening – Holiday Inn

1:00 – 5:00 Pre-Conference held offsite to accommodate topic (separate fee – none scheduled at this time)

7:00 – 9:00 PM MTEEA Board Meeting (including Affiliate Presidents); Vikings Room (Holiday Inn; please eat before the meeting)

Friday, September 29

Tours: (shuttle vans provided from Holiday Inn)

8:30 – 10:30 Tour 1 – SCTCC Industrial Trades Facilities

1:10 – 3:10 Tour 2 – Talon Innovations

Friday Workshops and Vendor Session Schedule:

	River Bats	Twins	Vikings	
7:30 - 8:30	Registration and Continental Networking Breakfast			Vendor Display: 9:30 – 3:30
8:30 – 9:20	Take Tech Ed to new heights with Drones in your classroom! (Johnathan Beck)	Set your students up for an apprenticeship program. TEAM and Central MN Manufacturing partner with SCSU (Chuck Hentges)	Enhancing the use of your 3D Printer by including a LASER Cutter and other prototyping techniques. (Mark Schroll)	St. Benedict’s Vendor Presentations:
9:30 – 10:00	Vendor Display/Networking			
10:00 – 11:30	OnSHAPE Workshop) (Mike Sandell) Introducing OnShape. A full-cloud CAD Program that is free for educational purposes. OnShape offers cloud based design on any device, built in collaboration, curriculum and resources for integrating 3d CAD into your program. Bring your own device, make sure to sign up at https://www.onshape.com/edu/instructor-kit prior to the conference!	(Workshop) CTE Tech Ed/Engineering Frameworks: Bring a course outline to align with the frameworks! (John Rapheal & Frameworks Coordinators)	10:00 3DSense handheld scanner (Mike Sundblad) Come and see how to use a handheld scanner and how it can be utilized in your classroom. The 3D Sense scanner will be demonstrated and importing into Inventor.	10:00 Announcing an All-in-One 3D Printer: PLA, ABS, ASA, PC-ABS (Haldeman Homme)
			10:45 Get Your FIRST Robotics Team started! Lessons learned over 5 years. (Alex Jurek)	10:45 Dust Collection Systems (Synergic)
11:30 - 1:00	FREE Recognition Lunch; Vendor display closed at lunch – Heritage Room 12:00 Welcome comments by ED/Pres/ITEEA and Featured Vendors 12:15 Awards			(11:30 Lunch)

1:00 – 1:30	Tech Talk: Integrating Math and Science into your Tech Ed courses using the MN STEM Teacher Center (Mike Lindstrom)	Imaging for Education (National Camera Exchange)	(Tech Talks) (presenter needed) Pine to Prairie Tech Trailer? John will check... Ag Connection with Tech Ed?	1:00 Skill Boss: Hands-on Advanced Manufacturing Skills Assessment (LAB Midwest)
1:40 – 2:10	Self-graded quizzes and other cool features of Google Drive. (Kelly McQuay)	Q&A Session on Perkins, Licensure, Student Leadership Organizations and Advisory Committees (John Rapheal - MDE)	Workshop: Projects that work! (Part 1) Bring an example of a project that really works well for you (show and tell!). (Facilitated by Mike Sundblad)	1:40 Simlog: Heavy Equipment Simulation! (LAB Midwest)
2:10 – 2:30	Vendor Display			
2:30 – 3:15	MTEEA Project Repository (Mark Gable)	Display your student projects at the MN State Fair – Jay has all the details! (Jay Nix)	Workshop: Projects that work! (Continued - Part 2 Facilitated by Mike Sundblad)	2:30 Google Expedition (Best Buy)
3:30 – 4:00	MTEEA Annual Business Meeting – St Ben’s Room			
4:00 - 5:00	Social Hour & Door Prizes (It’s rush hour – you might as well stay for the social...) Legends Bar Area			

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