



2021 MTEEA Fall Conference

September 30-Oct 1, 2021

Theme: “Back in Black”

7:45-8:15 Keynote Address-Mark Schroll Yosemite Park

Am I a Tech Ed teacher, A CTE teacher? You’re Both!

Mr. Schroll is a professor at St Cloud State University. A strong proponent of Technology and Engineering Education and creator of the “MakeIt Space” in the Environmental and Technological Studies Department.

Time	Training	Resources Strand Rushmore Park	Updates Strand Central Park	Engineering Strand Badlands Park	Extra Opportunities Yosemite Park	Factory Tour
8:30-9:20 Session 1	Wood Lathes Try turning a pen! (Available All Day) MN Woodturners Assoc. Yellowstone Park	Rev up your Woodworking Projects with Epoxy (Josh Tyson)	MDE Update (Tim Barrett, MDE)	Elementary Engineering by Design (Rachel Johnson)	NASA HUNCH (Luke Becker)	Coldspring (Formerly Coldspring Granite) 9:00-10:30
9:30-10:20 Session 2		Using Micro-Bits (Ashley Fore)	Tech Talk: CTE and Tech Ed Licensure Q&A Session	Laser Engraving Projects (Ryan Giles)	Solar Boat Challenge (Mark Weber)	17482 Granite West Road Cold Spring, MN 56320

			(Kurt Helgeson / Chuck Hentges – SCSU)			<p>With history dating back to 1898, Coldspring serves the architectural, memorial, residential, and industrial markets with all types of natural stone, bronze, industrial, and diamond-tool products. The Coldspring headquarters, a primary natural stone manufacturing facility and bronze foundry, is located in Cold Spring, MN, but our footprint extends far beyond Minnesota. Additional fabrication facilities and nearly 30 quarries reside across the country, making us one of the largest natural stone manufacturers in the United States and Canada.</p> <p>Participants will need to use their own transportation to travel to Coldspring. Tour begins at 9:00am. Travel time to Coldspring is 30 minutes.</p>
10:00-11:00 Session 3	Shops in a Trailer (Available All Day) MN State Transportation Center of Excellence, SCSU, Glacier Park	Vendor Area Open in Yellowstone Park 10:00am-3:00pm				
11:00-11:50 Session 4		Retrofitting Power Wheels for Handicapped Children (Spencer Elveback)	How do I pay for this? Share your grants/donations/fundraising (Facilitor Ryan Giles)	Middle School / High School Engineering by Design (Mike Sandell)	High Tech Kids (Cheryl Moeller)	
12:00-12:30 Lunch	Vendor Area Closed	Lunch Break In Grand Canyon Park				
12:30-1:00 Awards		Awards Program in Grand Canyon Park presented by Paul Keeney and Joel Ellinghuysen Membership Meeting-Executive Board				
1:00-1:50 Session 5	Go Baby Go Available All Day (Northfield School) Yellowstone Park	New Teacher Survival Training (Joel Ellinghuysen, Mark Lockhart)	Impactful Outreach Through Meaningful Partnerships (Steve Hoemberg, Judy Barka, Melissa Huppert)	Solid Professor Certification (Danielle Enriquez)	FIRST Robotics (Jesse Frost and Matt Wendland)	

<p>2:00-2:50</p> <p>Session 6</p>	<p>Project Examples Available All Day Glacier Park</p>	<p>Business Connections that Strengthen Tech Ed Programs</p> <p>(Mike Kroeker)</p>	<p>Building a Quality Transportation Program</p> <p>(Chris Hadfield, Dennis Miller, Carl Borleis, Cassidy Jelen)</p>	<p>Digital Notebooks</p> <p>(Hannah Reisdorf)</p>	<p>SKILLS USA</p> <p>(Tom Smith)</p>	
<p>3:00-3:50</p> <p>Session 7</p>		<p>Attracting Females into the Tech Ed Profession</p> <p>(Dawn Sorenson)</p>	<p>MN State Safety Project</p> <p>(TJ Brown)</p>	<p>Siemens Engineering Advanced Career</p> <p>(Jason Bruns)</p>	<p>Supermileage</p> <p>New Schools/Veteran Schools</p> <p>(Luke Becker)</p>	

4:00- 6:00 Social Network Hour in Grand Canyon Park

After a full day of the conference, come enjoy Wings and other snacks and visit with colleagues.

Updated 10-5-21