

**Upper Peninsula Section - SME Fall 2017 Meeting –  
November 09, 2017  
Ramada Inn Hancock, 99 Navy St, Hancock, MI 49930**

<b>8:30 – 9:30</b>	<b><i>Registration – Continent Breakfast</i></b>
<b>9:30 – 9:45</b>	<b>Opening Statements</b>
<b>9:45 – 10:15</b>	<b>Back Forty Project Update, Jeff Lynott, Aquila Resources</b>
<b>10:15 – 10:45</b>	<b>Human-Centered Monitoring for Workload and Fatigue Detection, Ye Sun, Mechanical Engineering Dept., Michigan Tech</b>
<b>10:45 – 11:00</b>	<b>Coffee Break</b>
<b>11:00 – 11:30</b>	<b>Highland Copper Project Updates, Joe Strapko, Highland Copper</b>
<b>11:30 – 12:00</b>	<b>Fiber Reinforced Polymer Rebar: Benefits and Uses, Eric Kiilunen, Neuvokas</b>
<b>12:00 – 12:30</b>	<b>Grade and volume uncertainty analysis for a copper deposit using multiple point geostatistics and sequential Gaussian situation, Fanteri Aji Dharma Suparno, Geological and Mining Engineering and Science, Michigan Tech</b>
<b>12:30 – 1:15</b>	<b>Lunch</b>
<b>1:15 – 1:45</b>	<b>SME Annual Meeting</b>
<b>1:45 – 2:15</b>	<b>Mine Fund Scholarship Awards</b>
<b>2:15 – 2:45</b>	<b>Michigan Mining in the 21st Century Emanuel Z. Manos, Detroit Salt Company</b>
<b>2:45 – 3:15</b>	<b>Numerical Modeling of Gas Emissions and Cave Ventilation in Block Caving Mines. Purushotham Tukkaraja, Mining Engineering &amp; Management, South Dakota school of Mines and Technology</b>
<b>3:15 – 3:30</b>	<b>Coffee Break</b>
<b>3:30 – 4:00</b>	<b>Mine Cleanup: a Review of Remediation Technologies for Mining and Mineral Processing Sites Nathan Manser, Engineering Fundamentals, Michigan Tech</b>
<b>4:00 – 4:30</b>	<b>Directional Drilling for Eagle East Discovery Cody Suits, Eagle Mine</b>
<b>4:30 – 5:00</b>	<b>SME Michigan Tech Student Chapter Update Taylor Pitlik, Undergraduate Student, Michigan Tech</b>
<b>5:00 – 5:15</b>	<b>Closing Remarks</b>