

Fundamentals

Mastery

Management

Job Layout

**SATURDAY, May 2**

Welcome Reception | 6:00p - 8:00p  
(Held in tent in front of Glass City Center)

**SUNDAY, May 3**

Star CNC

CJWinter

Shamrock

Davenport

Gates Lubricants

|                          |  |   |  |   |                          |
|--------------------------|--|---|--|---|--------------------------|
| 10:00a - 11:00a          |  | <b>Technical Member Meeting</b>                             |  |   |                          |
| 11:00a - 11:30a          |  |   | <b>First Timer's Meeting</b>                                 |   |                          |
| 11:30a - 1:00p           | <b>Keynote Lunch</b><br>Geoff McLachlan                |   |  |   |                          |
| BLOCK 1<br>1:15p - 2:15p |  | <b>A Better Look at Vision Systems</b><br>Quality Committee | <b>Upskilling with Intention and Impact</b><br>Steve Tamasi  | <b>Optimize Machine Changeover</b><br>Ross Kenyon | <b>Basic Swiss Print</b> |
| BLOCK 2<br>2:30 - 3:30p  |  | <b>Shop Floor Communications</b><br>Luke Wright             | <b>The Science/Art of Metal Cutting</b><br>Dr. Julius Schoop | <b>How to Read a Chip</b><br>David Wynn           | <b>Cam Print</b>         |
| 3:30p - 6:00p            | <b>Technical Member Exhibit Tables &amp; Reception</b> |   |  |   |                          |

**MONDAY, May 4**

Star CNC

CJWinter

Shamrock

Davenport

Gates Lubricants

|                            |                     |   |  |  |   |
|----------------------------|---------------------|---|--|--|---|
| 7:30a - 8:30a              | <b>Breakfast</b>    |   |  |  |   |
| BLOCK 3<br>8:45a - 9:45a   |                     | <b>GD&amp;T Overview</b><br>Mark Foster             | <b>Sustainability ISO 14001 &amp; More</b><br>Ed Jones         | <b>Material Factors: Steel &amp; Stainless</b><br>Craig Hockings & Mark Stymiest | <b>CNC Multi-Function Print</b>                                       |
| BLOCK 4<br>10:00a - 11:00a |                     | <b>GD&amp;T Concepts</b><br>Mark Foster             | <b>A.I. in Manufacturing</b><br>Ryan Rychlak                   | <b>Material Factors: Bronze &amp; Copper</b><br>Zane Havemann                    | <b>Advanced Swiss Print</b>   |
| BLOCK 5<br>11:15a - 12:15p |                     | <b>GD&amp;T Applications</b><br>Mark Foster         | <b>Rapid Fire Technology</b><br>IT Committee                   | <b>Automating Legacy Equipment</b><br>Mike Goldman                               | <b>Milling Print</b>  |
| 12:15p - 1:30p             | <b>Awards Lunch</b> |   |  |  |   |
| BLOCK 6<br>1:45p - 2:45p   |                     | <b>CNC Swiss Focus Beginner</b><br>Derek Briggs     | <b>How To Get Profitable Volume</b><br>David Wynn              | <b>Solving the Cleaning Bottleneck</b><br>Olaf Tessarzyk                         | <b>High Volume Machining Print</b>                                    |
| BLOCK 7<br>3:00p - 4:00p   |                     | <b>CNC Swiss Focus Intermediate</b><br>Derek Briggs | <b>Machining Nickel Alloy Micro Components</b><br>Madison Park | <b>Scrap Management &amp; Recycling</b><br>Samantha Betley & Jim Miller          | <b>CNC Lathe Print</b>  |
| BLOCK 8<br>4:15p - 5:15p   |                     | <b>CNC Swiss Focus Advanced</b><br>Derek Briggs     | <b>Bar Straightness</b><br>Justin Zak                          | <b>A3 Problem Solving</b><br>Patrick Allen & Aaron Holm                          | <b>Workholding: Foundation of Swiss Machining</b><br>Dijana Jovanovic |
| 5:15p - 6:30p              | <b>Reception</b>    |   |  |  |   |

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**TUESDAY, May 5**

| TUESDAY, May 5              |                     |   |   |  |   |
|-----------------------------|---------------------|---|---|--|---|
|                             | Star CNC            | CJWinter  | Shamrock  | Davenport                                      | Gates Lubricants  |
| 7:00a - 8:00a               | <b>Breakfast</b>    |   |   |  |   |
| BLOCK 9<br>8:15a - 9:15a    |                     | <b>Advanced Cam to Reduce Secondary Operations</b><br>Joel Rutzen | <b>Rapid Fire Swiss Tooling</b><br>Johnny Freeze                  | <b>3D Printing for the Shop</b><br>Matt Dowell | <b>Optimizing with Metalworking Fluids</b><br>Jerry Gates |
| BLOCK 10<br>9:30a - 10:30a  |                     | <b>ID Issues: Hole Drilling</b><br>Chris Montanari                | <b>Developing a Quality-Driven Workforce</b><br>Quality Committee | <b>Lights Out Operations</b><br>Scott Fible    | <b>CMMC</b><br>Michael Vay                                |
| BLOCK 11<br>10:45a - 11:45a | <b>Ah Ha Raffle</b> |   |   |  |   |