

Hosted by

MCAM northwest

Cut the

S CRAP!

2022

April 12th, 2022

9:00 AM - 2:00 PM PDT

Zoom Webinar

## Event Schedule



9:00 AM

### Keynote: Welcome to Cut the S/Crap 2022!

*Garrett Dias, MCAM Northwest*

Let's cut the S/Crap already! Introducing our amazing speakers to kick off a day of informative presentations.



9:20 AM

### Cut the Scrap Using Dovetail Technology

*Eric Nekich, 5th Axis*

One of the strongest structural joints in tensile strength, Dovetail workholding is excellent for machining hard materials without sacrificing accessibility. Discover how a manufacturer of high-end brake systems gained 90% more part access with dovetail.



9:40 AM

### Don't Be a Wacko, Use Your Probe Macros!

*Ryan Mermall, Cimco*

Reduce scrap with in-process probing! This fully integrated add-on for Mastercam can measure the geometry of the semi-finished part and dynamically compensate for topographic irregularities during machining.



10:00 AM

### Sureness in Simulation Staves Off Scrap

*John Stauffer, MCAM Northwest*

Taking advantage of simulation, special programming techniques, and automated deburring in Mastercam can not only prevent scrap, but improve your programming and final products.

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10:20 AM

### 5-Minute Break

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10:25 AM

### Better DED Than Scrap: The Advantages of Leveraging Hybrid Manufacturing

*Hamoon Ramezani, APlus*

Learn about the advantages of hybrid manufacturing solutions over traditional manufacturing solutions for low-volume component fabrication and repair applications.



10:45 AM

### How to Avoid S/Crappy Tool Holders

*Russ Johnson, Western Tool & Supply*

S/crappy spindles are influenced by s/crappy holders. Using a poor quality holder in a new spindle can, and will, imprint itself in the spindle.



11:05 AM

### Verisurf CMM Programming & Quality Reporting in Mastercam

*David Olson, Verisurf*

Verisurf software, its integration with Mastercam, and many benefits of an integrated Computer Aided Scanning, Design, Manufacturing, and Inspection (CAS/CAD/CAM/CAI) system brings to the manufacturing enterprise. Using in-process inspection within Mastercam.

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11:25 AM

### Reduce Scrap with Quality Documentation

*Jim Varco, Varco Reporting*

Having incorrect or inadequate part documentation can result in scrapped parts. The user-friendly Setup Sheets from Varco Reports derives the data directly from Mastercam, with optional programmer notes and images, eliminating the need to compile Setup Sheets by hand.

11:45 AM

### Lunch Break



12:25 PM

### Help! My S/Crappy Spindle is Scrapping Parts!

*Russ Johnson, Western Tool & Supply*

The bread that makes up the machining sandwich begins with the spindle. Beware of s/crappy spindles!



12:45 PM

### It's Getting Hot in Here... and Work is Expanding!

*Chris Hehman, SME*

Chris pairs stories from his time as a shopfloor engineer with how thermal expansion coefficients can affect your machine.



1:05 PM

### Get Your Swarf and Scrap Sorted!

*Geoff Phoenix, MCAM Northwest*

Whether it's swarf or solids, ferrous and non-ferrous metals, plastics, and even coolant, recycling plays a key role in reducing scrap.

1:25 PM - 2:00 PM

### Vendor Q&A Session/ Networking Time