

9:30 AM CT – 9:50 AM CT

## Welcome to NX University!

Carter Staley, David Chiu, & Michael Allegro

Get a preview of the day's sessions so you can plan your schedule. Plus, learn a little about your presenters and see where to access additional NX learning resources.

### CAD

10 AM CT – 10:50 AM CT

#### What's New in NX Design

Michael Pinto

More sketching enhancements • algorithmic modeling • convergent bodies with mixed geometry • replace face of mesh command • automated authoring of PMI • PMI advisor for validation and guidance • appearance management • mold cooling and forming analysis • physical material integration

### CAM

10 AM CT – 10:50 AM CT

#### What's New & Upcoming in NX Manufacturing

Uwe Edlinger & Alexander Freund

MCS "On Blank: & "On Part Box" • assembly load options • day one training vs. manufacturing tutorials • process patterning • deburring and chamfering • adaptive in planar milling • part stock set as final floor & wall • cutting tool relief • rough turn smooth • rough turn multi channel • plus an exclusive look at the next NX release from Siemens engineers

11 AM CT – 11:50 AM CT

#### Hidden Gems in NX Design

Dominic Santoro

Get unstuck from your rut and utilize these new techniques to model more efficiently in NX.

11 AM CT – 11:50 AM CT

#### Hidden Gems in NX Manufacturing

John Vincent & Collin Copecky

Tips, tricks, and best practices to change up the way you program parts in NX CAM.

12 PM CT – 12:25 PM CT

#### NX Here, There, & Everywhere

Michael Allegro & Reese Shearer

See how CAD, CAM, and other data is managed inside NX, whether you're working from home with coworkers across town or around the world. See how to search for a part, save and create a part, sort different revisions of a part, and release it.

12:30 PM CT – 1 PM CT

#### Office Hours – NX Design

Michael Pinto, Reese Shearer, & Michael Allegro

CAD engineers join together to answer your questions from the morning sessions and discuss designing with NX in the chat.

12:30 PM CT – 1 PM CT

#### Office Hours – NX Manufacturing

John Vincent, Collin Kopecky, Uwe Edlinger, & Alexander Freund

Get your questions answered from the morning sessions and discuss programming techniques with Swoosh & Siemens engineers.

30 MIN LUNCH BREAK

1:30 PM CT – 2:20 PM CT

#### Hot Topics from the CAD Classroom

Dominic Santoro

The most valuable insights from our NX training classes including sheet metal, surface modeling, assembly, and technical data package topics.

1:30 PM CT – 2:20 PM CT

#### In Process Workpiece (IPW)

John Vincent

An essential CAM topic from our NX training classes that includes roughing, finishing, semi-finishing, and transferring a part.

2:30 PM CT – 2:55 PM CT

#### Integrated Design Simulation

Michael Allegro & Reese Shearer

Spend more time testing and less on prototypes with stress analysis wizard, linear static analysis, vibration wizard, and Simcenter 3D structures.

3 PM CT – 3:25 PM CT

#### New NX Sketch Solver vs Old Sketcher

Michael Pinto

The new way to sketch is quite different, but the time it takes to learn is worth the advantages including new "make" commands like make coincident, and create persistent relations.

3 PM CT – 3:25 PM CT

#### Post Configurator vs Post Builder

John Vincent

Out with the old, in with the new. John looks at what's changed and why it's better including using layers to reuse data and buffers in the post.

3:30 PM CT – 4 PM CT

#### Office Hours & Thank You!

John Vincent, Michael Allegro, & Reese Shearer

All the engineers get together one last time to answer your questions from the afternoon, plus we give away 25 NXU Yeti bottles.