SOLIDWORKS Tips and Tricks 2018
The Last Waltz

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And then I got a tap on my shoulder...
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Phil’s Definition of a Tip or a Trick?
... We walked through the snow, up hill both ways, with shoes so thin you could step on a dime and tell if it was heads or tails...
Twenty and Out; SolidWorks Tips and Tricks
Flexing  Deform  Cut Extrude, Move Body, Boundary
Sketch Blocks / Traction
Underwater Basket Weaving
Surfaces – Three Highlights 1/3

- Refine
- Add
- Construct
Various Draft Options

- Extrude with Draft
- Revolve with Draft
- Draft, Neutral Plane
- Draft, Parting Line
- Move Face, Revolve
- Curve, Split Line, Silhouette and Draft, Parting Line
Surfaces – Three Highlights 2/3

Refine

Add

Construct
Combine / Intersect
Wrap Functionality – Analytical Surface Method  1/2

Centered
Wrap Functionality – Analytical Surface Method 2/2

Offset Right
Wrap Functionality – Spline Surface Method

Centered

Offset Up
Real World Wrap Functionality

- Analytical
- Spline
Sketch Planes

sketch plane should be a plane rather than a face to facilitate edges effecting the rectangular regions.
Resolved, Partially Suppressed, and Suppressed Folders
Surfaces – Three Highlights 3/3

Refine

Add

Construct
Surface – Flatten

Warning: “Against the goals and objective of this year’s conference”
Tubing with Composite Curves

Always practice beforehand, even if you recently knew the same material backwards and forwards.

If you're not fully prepared for a portion of your presentation, leave it out, no one will ever know.

If you're nervous, do a quick calculation of how much money everyone in the audience would be making if they hadn't took off work and showed up to listen to you... no wait, that will make you more nervous. Instead take a deep breath, exhale slowly, and just when you think you have exhaled completely, push a little and exhale some more (it really does work).

The symptoms of being nervous and being excited are exactly the same

There's no backing out now!
We’ll see you down the road!
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