JT in Simulation tools
JT Day Nov 5th 2018
JT-based Tolerance Stackup Simulation
Bastian Dachselt
Siemens PLM Software

JT in Simulation tools
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Variation Analysis
The Digital Twin for Predicting Dimensional Quality

**Validation**
- Achieve a robust design
- Maximize returns
- High potential value
- Requires investment
- Analysts/Consultants

**Verification**
- Identify key characteristics
- Predict capability
- Part of existing process
- Potential for savings
- Design/Manufacturing

**Diagnosis**
- Find and fix issues
- Typical entry point
- Manufacturing/Quality

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Thema: JT Day Nov. 5th 2018
Variation Analysis
The Digital Twin for Predicting Dimensional Quality

Link to the YouTube Video: https://youtu.be/B-Nbz0qdrUI
Thank you for your Attention
Installation Simulation using JT
Dr.-Ing. Alexander Christ
Elysium

JT in Simulation tools
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Installation Simulation using JT

- Creation/Import of JT models
  - Machinery
  - Equipment
  - etc.
- Move JT models by hand or along defined paths
- Real-time collision detection between existing facility and JT model
Import JT: Installation of a new Machine

Link to the YouTube Video: https://youtu.be/P5QrVDSDG1s
Create JT: Removal of old Equipment

Link to the YouTube Video:
https://youtu.be/ouUDLV1Q0DQ
Thank you for your Attention