Session 2 1:45 pm - 2:25 pm  
110740 - Experimental Validation and Verification of a Physiological Medical Cost-Saving Stem Generator Undergoing Five-Induced Variations
Susan, Nathan  
Student Presentation

Lunch  12:45 pm - 1:45 pm  
Paris Ballroom, Third Floor

Session 3 1:45 pm - 2:25 pm  
110741 - 10:15 am - 10:30 am  
108210 - Solution Verification of Neural Network-Based Regression Models
Fathis, Brij  
Student Presentation

All Times EDT  
Friday May 19, 2023

Breakfast  8:00 am - 8:45 am  
Athens Ballroom, Lobby Level

0:45 am - 1:15 pm  
Welcome/Closing Remarks and Standards Updates  
VGG VJ - Machine Learning  
VGG RS - Adverse-Structures

Moderator: Joshua Kautz, Conference Chair  
South Balcony

Westinghouse Electric Company  
Presentation Title: Can VGG/Scale up with ANSYS 1: Practical Application Needs for NL Models  
Athens Ballroom, Lobby Level

10:15 am - 10:30 am  
110742 - Thoughts on Certification by Analysis
Baker, William  
Student Presentation

Session 1 10:30 am - 12:10 pm  
03-02 Topics in Verification, Validation & Uncertainty Quantification

10:30 AM  
108730 - The Differences Between Statistical and Spatial Monte Carlo Sampling
Karen, Joshua  
Student Presentation

108731 - Validation of a Bone Analog Virtual Model for the Prediction of Screw Pullout Forces According to Astm F543 Standard
Benoit, David  
Student Presentation

12:45 PM  
108740 - Experimental Validation and Verification of a Physiological Medical Cost-Saving Stem Generator Undergoing Five-Induced Variations
Susan, Nathan  
Student Presentation

108741 - A Multi-Patient Study for Correlation of Growth-Rod Fracture Data With Predicted High Stress Regions in Pediatric Scoliosis Using a Patient-Specific Finite Element Approach
Palepu, Vivek  
Student Presentation

1:45 PM  
108742 - A Closer Look at the Graduation Descriptions for Risk-Informed Credibility Assessment of an Asme 2017 Computational Model
Singh, Gurpreet  
Student Presentation

Break  10:30 am - 12:10 pm  
Paris Ballroom, Third Floor

Session Chair: Gregory Baranyi, Penn State University  
Track 1  
Caracas, Lobby Level

Session Chair: Gurpreet Singh, NuVasive, and Christopher Basciano, BD  
Track 2  
Vezo South, Lobby Level

Break  11:45 am - 1:15 pm  
Athens Ballroom, Lobby Level

Session Chair: Yoshin-Ishino, Texas A&M University  
Track 2  
Vezo South, Lobby Level

Break  3:30 pm - 3:45 pm  
Athens Ballroom, Lobby Level

Session Chair: Nima Fathi, Texas A&M University  
Track 1

Session Chair: Yassin Hassan, Texas A&M University  
Track 1

Moderator: Joshua Kaizer, Conference Chair

10:30 AM  
111739 - A Closer Look at the Graduation Descriptions for Risk-Informed Credibility Assessment of an Asme 2017 Computational Model
Singh, Gurpreet  
Student Presentation

Bode, Kyle  
Student Presentation

Bode, Kyle  
Student Presentation

Bode, Kyle  
Student Presentation

3:30 PM  
110743 - Flexible Adaptation of the Pcmmm (Predictive Capability Maturity Model) to Other Simulation Technologies
Neal, Kyle  
Student Presentation

110744 - Virginia Tech-Nasa Cfd Turbulence Model Validation Challenge
Williams, David  
Student Presentation

5:30 PM  
111743 - A Closer Look at the Graduation Descriptions for Risk-Informed Credibility Assessment of an Asme 2017 Computational Model
Singh, Gurpreet  
Student Presentation

Bode, Kyle  
Student Presentation

Bode, Kyle  
Student Presentation

Close of Symposium. Thank you for attending.