



The 4th International Conference on
**Computing and Solutions
in Manufacturing Engineering**

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CoSME'16 BEST PAPERS

Session S1 CAD/CAE/ CAPP/CAM/CAx Techniques

Paper Title

ANALYSIS OF IMPACT OF LONGITUDINAL INCLINATION OF A CHAIN CONVEYOR ON DYNAMICAL PHENOMENA DURING OPERATION

Authors

Kamil SZEWERDA, Jerzy ŚWIDER and Krzysztof HERBUŚ

Paper Title

DESIGNING PARTS FOR A ROBUST BEHAVIOUR AGAINST VIBRATIONS. A NEW CONCEPT

Authors

Florin CORCIOVĂ and Mircea Viorel DRĂGOI

Session S2 Advanced Manufacturing Technologies

Paper Title

RESEARCHES ON EVALUATION OF SMOOTH ENTRANCE IN CUTTING USING ELECTRICAL CURRENT. A CASE STUDY

Authors

Valentin DIȚU, Gheorghe OANCEA and Raluca DAICU

Session S3 Additive Manufacturing and Non-conventional Technologies

Paper Title

MICROSTRUCTURE AND MICRO-HARDNESS ANALYSES OF TITANIUM ALLOY TI-6AL-4V PARTS MANUFACTURED BY SELECTIVE LASER MELTING

Authors

Camil LANCEA, Lucia-Antoneta CHICOS, Sebastian Marian ZAHARIA and Mihai Alin POP

Session S4 Quality Engineering and Reliability

Paper Title

STATISTICAL INFERENCES FOR BEARINGS LIFE USING SUDDEN DEATH TEST

Authors

Cristin-Olimpiu MORARIU and Sebastian-Marian ZAHARIA

Session S5 Solutions for Tools and Devices in Manufacturing Engineering

Paper Title

AN ANALYSIS OF THE IMPACT OF SOIL MASS PH ON THE WEAR PROCESS OF STEEL

Authors

Jerzy NAPIÓRKOWSKI, Magdalena LEMECHA and Mariusz ROSIAK

Session S6 Industrial Management

Paper Title

ESTIMATION OF THE RESOURCE BUFFERS IN THE ASSEMBLY PROCESS OF A SHEARER MACHINE IN THE CPPM METHOD

Authors

Aleksander GWIAZDA, Iwona PAPROCKA and Magdalena BĄCZKOWICZ

Session S7 Other related topics

Paper Title

RESEARCH EXPERIMENTAL OF HIPBONE ARTHROPLASTIES USING TENSOMETRIC MODELS

Authors

Horatiu BULEA