

AGENDA KONFERENCJI

I SESJA PLENARNA

PONIEDZIAŁEK 9 PAŹDZIERNIKA 2023

9.30 – 12.30

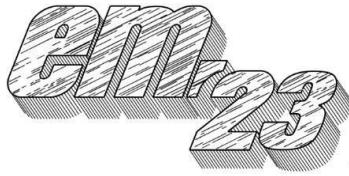
- RECENT DEVELOPMENTS IN DRY ELECTRO DISCHARGE MACHINING, Agnieszka Żyra, Sebastian Skoczypiec
- SELECTED ASPECTS OF APPLICATION OF OZONE BASED ELECTROLYTE IN ELECTROCHEMICAL MACHINING, Dominik Wyszyński
- STUDY ON ELECTROCHEMICAL MICRO-TURNING PROCESS, Marcin Grabowski, Sebastian Skoczypiec, Adam Ruszaj, Karolina Furyk-Grabowska
- INFLUENCE OF THE TYPE OF GRAPHITE ELECTRODE ON THE EDM PROCESS, Rafał Nowicki, Rafał Świercz, Adrian Kopytowski, Michał Marczak
- IMPORTANCE OF INDUSTRY 4.0 TECHNOLOGIES FOR DEVELOPMENT OF ELECTRICAL DISCHARGE MACHINING, Sebastian Skoczypiec, Waldemar Małopolski
- THE SUPERFICIAL LAYER OF PARTS ALLOYED BY ELECTRO-DISCHARGE METHODS, Sławomir Spadło, Krzysztof Łakomiec, Dominik Dudek
- GAS AS A MEDIUM IN ELECTRO-EROSION TREATMENT, Tadeusz Zaborowski
- APPLIANCE OF TUNGSTEN HEAVY ALLOYS FOR EDM TOOL ELECTRODES, Zbigniew Gulbinowicz, Dorota Oniszczyk-Świercz, Olgierd Goroch, Paweł Skoczyła
- GRINDING WITH MULTIGRANULAR WHEEL, Adrian Kopytowski, Rafał Świercz, Rafał Nowicki, Dorota Oniszczyk Świercz
- COMPARATIVE INVESTIGATIONS OF THE ABRASIVE BLASTING OF CAST STEEL G20Mn5 USING DIFFERENT BLAST MEDIA, Dominik Dudek, Sławomir Spadło, Kinga Pawłowska, Krzysztof Łakomiec

II SESJA PLENARNA

WTOREK 10 PAŹDZIERNIKA 2023

16.00 – 17.00

- BIONIC INSPIRATIONS IN DESIGNING PROCESSES OF ADDITIVE MANUFACTURING, Adam Ruszaj
- INFLUENCE OF REINFORCING ELEMENTS ON THE STRUCTURE, PROPERTIES AND DIMENSIONAL ACCURACY OF 3D PRINTING MODELS, Artur Kościuszko, Dawid Marciniak, Mateusz Rojewski, Natalia Konczal
- THE INFLUENCE OF LUNAR REGOLITH SIMULANT SELECTED FUNCTIONAL PROPERTIES OF POLYMERIC MATERIALS USED IN FFF TECHNOLOGY, Damian Pietrusiak, Piotr Czyżewski, Dawid Marciniak, Mateusz Józefowicz, Marek Macko, Ciężela Jakub
- OPTIMIZATION METHODS AND PROCEDURES FOR DMLM PARAMETERS DEVELOPMENT PROCESS WITH DIGITAL TOOLS ASSISTED EVALUATION OF THE ALLOY METALLOGRAPHY STRUCTURE. BASED ON THE PROJECT RPMA.01.02.00-14-B479/18 FROM REGIONALNY PROGRAM OPERACYJNY WOJEWÓDZTWA MAZOWIECKIEGO, Damian Rączkowski, Tomasz Pokoniewski, Michał Bujak, Łukasz Ocyba, Dorota Szcześniak, Sebastian Szurlej, Paweł Żuk



III SESJA PLENARNA

WTOREK 10 PAŹDZIERNIKA 2023

17.15 – 18.45

- THE EFFECT OF OPERATING PARAMETERS OF SLM ON PRODUCT DIMENSIONAL DEVIATIONS, Tomasz Zakrzewski, Jerzy Kozak
- INFLUENCE OF DISCHARGE ENERGY ON SURFACE ROUGHNESS OF SLM PART AFTER WIRE ELECTRICAL DISCHARGE FINISHING, Dorota Oniszcuk- Świercz, Rafał Świercz, Adrian Kopytowski, Rafał Nowicki
- INVESTIGATION OF ELEMENTS FILLED WITH RUBBER POWDER IN ADDITIVE MANUFACTURING PROCESS, Kinga Majewska-Laks, Dawid Marciniak, Dariusz Sykutera
- APPLICATION THE RECASTEST TESTING TECHNIQUE TO EVALUATE STRUCTURAL AND MECHANICAL QUALITY OF NITRIDED LAYERS PRODUCED ON 20, 40 HM, STEELS USING THE RECALO2 TEST, Marek Betiuk, Piotr Domanowski, Sławomir Bujnowski, Aleksandra Mirońska, Weronika Goluch
- ASPECTS OF 3D PRINTING DMLS TECHNOLOGY, Marek Macko, Zbigniew Szczepański, Andrzej Szczepańczyk, Paweł Cyprys, Adam Zabrowarny
- STUDIES ON THE PRODUCTION OF LIGHTWEIGHT STRUCTURES IN THE FUSED FILAMENT FABRICATION TECHNOLOGY, Piotr Czyżewski, Dawid Marciniak, Marek Bieliński, Yevhen Bezv
- METAL ADDITIVE MANUFACTURING – SELECTED METHOD OF POSTPROCESSING TECHNOLOGY, Rafał Świercz, Dorota Oniszcuk – Świercz

IV SESJA PLENARNA

WTOREK 11 PAŹDZIERNIKA 2023

9.00 – 10.30

- THE EFFECT OF LASER INFRARED RADIATION ON THE SURFACE MODIFICATION OF DLC COATINGS, Artur Kalinowski, Norbert Radek, Jacek Pietraszek, Piotr Sęk
- MULTI-CRITERIA METHODS IN THE OPTIMIZATION OF THE ABRASIVE WATERJET CUTTING PROCESS, Aleksandra Radomska – Zalas
- MULTIPLE CRITERIA OPTIMIZATION OF ABRASIVE WATER JET (AWJ) CUTTING USING TODIM APPROACH, Andrzej Perec
- THE USING OF METAHEURISTIC OPTIMIZATION ALGORITHM IN ABRASIVE WATER JET MACHINING OF WHITE MARBLE, Elżbieta Kawecka
- SELECTIVE LASER MELTING OF CP-TI BASED BIO-COMPATIBLE POWDER MIXTURES AND METAL
- MATRIX COMPOSITES, Grzegorz Skrabalak, Andrzej Stwora, Yulia Rumiantseva, Aleksandra Bętkowska and Karolina Chat-Wilk
- INFLUENCE OF POST-PROCESSING ON SURFACE TEXTURE OF ADDITIVE MANUFACTURING MICROELEMENTS, Joanna Radziejewska, Michał Marczak, Piotr Maj, Dominik Głowacki



V SESJA PLENARNA
WTOREK 11 PAŹDZIERNIKA 2023
10.45 – 12.30

- APPLICATION OF ARTIFICIAL INTELLIGENCE IN MAGNETIC-ABRASIVE MACHINING RESEARCH, Michał Marczak, Rafał Nowicki, Maciej Lato
- ANALYSIS OF THE SURFACE GEOMETRIC STRUCTURE AFTER LASER CLEANING OF PAINT COATINGS, Norbert Radek, Artur Kalinowski, Jacek Pietraszek, Agata Dudek, Jacek Świdorski
- EFFECT OF HIPIMS DISCHARGE IN METAL OXIDE NANOCOATINGS FOR RESISTIVE RANDOM-ACCESS
- MEMORY APPLICATION, Piotr Różański, Robert Mroczyński, Wojciech Gajewski
- EFFECT OF DIFFERENT COOLANT LUBRICANT SUPPLY METHODS ON SURFACE ROUGHNESS OF NC10 STEEL AFTER CONVENTIONAL AND AEDG GRINDING, Radosław Rosik, Robert Święcik
- INFLUENCE OF WATER JET CUTTING PARAMETERS ON THE SURFACE QUALITY OF AISI 316L THICK PLATES, Tomasz Lipiński
- ROLLING-CREW CONCURRENT VIBRATION PLATFORM – VIBRATION CHARACTERISTICS AND MOTION OF GRANULAR MATERIAL IN THE HORIZONTAL PLANE, Wojciech Poćwiardowski