

Conference programm

WEDNESDAY 13.9

Registration 16:00 - 17:00 room MI

18:00 - Welcome party, Brewery

THURSDAY 14.9, ROOM MI

8:00 **Gurkan Alp Kagan Gurdil** - Turkey

IMPORTANCE OF LOCAL FOOD BAZAARS FOR BIOFUEL POTENTIAL IN SAMSUN TURKEY

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8:20 **M. BALÁŽ**

ADVANCED PRODUCT QUALITY PLANNING IN AUTOMOTIVE INDUSTRY

8:30 **J. BALÁŽI**, L. VACHO, D. VADOVIČ

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DIRECTIONAL REACTIVE NAVIGATION OF A MOBILE ROBOT USING LOW COST MICROPROCESSOR

8:40 **M. BARÁT**, V. RATAJ, J. GALAMBOŠOVÁ, M. POTOCKÝ, T. GUT

IMPACT OF MULTIPLE MACHINERY PASSES ON SOIL PROPERTIES

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8:50 **H. BLEHO**, N. MICHLIAN, F. URBAN, I. RIGÓ

TESTING OF IRRIGATION UNIFORMITY OF SPRAY TYPE MICRO SPRINKLER

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9:00 **M. HALENÁR**, P. KUCHAR, V. HAJDÁK

TRANSPORT OF DANGEROUS GOODS IN SLOVAKIA FROM THE VIEW OF ENVIRONMENTAL

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9:10 **M. HNILICOVÁ**, J. MATEJ, R. HNILICA

UTILIZATION OF THE SHAPE GENERATOR IN THE DESIGN OF THE STRUCTURAL PARTS

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9:20 **P. KUCHAR**, M. HALENÁR, V. HAJDÁK

TECHNICAL - ECONOMIC ANALYSIS AND EVALUATION OF TRANSPORT ORGANIZATION

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9:30 **J. CSERVENÁKOVÁ**, J. HRUBEC, J. ŽITŇANSKÝ

APPLICATION OF ANOVA FOR OPTIMIZE OF CNC MACHINING PARAMETERS

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9:40 **Z. CSILLAGOVÁ**, M. BALÁŽ, G. POLÓ, M. KORENKO, E. GÓCS

IDENTIFIKÁCIA ZVYŠKOVÉHO ZNEČISTENIA TLMIČA NÁRAZOV

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9:50 **M. MRÁZ**, P. FINDURA, O. URBANOVIČOVÁ, F. URBAN, I. RIGO, P. BAJUS

THE IMPACT OF AGRO TECHNOLOGIES ON THE CHANGE OF SOIL PROPERTIES

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10:00 - 10:30 COFFE BREAK

10:30 **V. ĽUPTÁČIKOVÁ**, M. ŤAVODOVÁ, M. HNILICOVÁ

POSSIBILITIES OF IMPROVING THE WEAR RESISTANCE OF FUNCTIONAL SURFACES ON THE WINCH APPROACH ROLLER

11

10:40 **N. MICHLIAN**, F. URBAN, I. RIGÓ, H. BLEHO, M. SOJKA

QUALITY OF WORK OF CENTRE PIVOT IRRIGATION MACHINE WITH SPRAYER

12

10:50 **L. MIKUŠOVÁ**, M. DADO

MEASUREMENT OF WOOD DUST CONCENTRATION EMITTED BY RANDOM ORBIT SANDER

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11:00 **M. JÁNOŠOVÁ**, A. PETROVIČ, P. OPÁLENÝ

ASSESSMENT OF HYDRAULIC FLUID PROPERTIES BY PHYSICO-CHEMICAL ANALYSIS

14

11:10 A. PETROVIČ, **D. KUNECOVÁ**, V. VOZÁROVÁ

COMPARISON OF RAW AND USED VEGETABLE OILS THERMAL BEHAVIOR

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11:20 **G. POLÓ**, Z. CSILLAGOVÁ, M. BALÁŽ, M. KORENKO

POSSIBILITIES OF POINT EVALUATION OF VEHICLE TECHNICAL SERVICES PROCESSES AS A STATISTICAL INDICATOR OF THE QUALITY OF OPERATIONS

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11:30 **I. RIGÓ**, P. BAJUS, N. MICHLIAN, F. URBAN, H. BLEHO

DRYING ASPECTS OF SELECTED AGRICULTURAL CROPS

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11:40 **L. VACHO**, J. BALÁŽI, D. HRUBÝ, O. LUKÁČ

PRINCIPLES OF IMAGE ANALYSIS METHODS USED IN NAVIGATION SYSTEMS OF AUTONOMOUS MOBILE ROBOTIC

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19 11:50 **M. KRUMBHOLC**
THE CONSUMPTION OF TRANSPORT ENERGY – PERSPECTIVES OF ELECTRIC VEHICLES

12:00 - 13:00 LUNCH

20 13:00 **A. BRUNEROVÁ**, M. BROŽEK
BRIQUETTE BIOFUEL FROM FRUIT ORCHARDS WASTE BIOMASS

21 13:10 **V. D. CAO**
MICROCLIMATIC CONDITIONS IN THE SPORT FACILITIES

22 13:20 **M. JURKA**
Endurance LiFePO4 battery testing

23 13:30 **J. LEŠETICKÝ**
ANIMAL DETECTION USING THERMAL CAMERA CARRYING BY UAV

24 13:40 **M. Q. DANG**
SOLAR ENERGY POTENTIAL IN INDONESIA

25 13:50 **D. MADER**, M. PEXA, L. BABIČ
DIAGNOSIS OF THE BRAKING RISE

26 14:00 **P. MATĚJKA**
EVALUATION OF LORA LPWAN TECHNOLOGY FOR DATA TRANSFER TO MEASURING DEVICES

27 14:10 **P. MICHÁLKOVÁ**, V. LEGÁT, Z. ALEŠ
DEPENDABILITY OF THE INJECTION PRESS

28 14:20 **K. HABROVÁ**
EXPERIMENTAL DESCRIPTION OF DEGRADATION OF SHEAR STRENGTH OF RESINS FILLED WITH PARTICLES FROM THE PHOENIX DACTYFILERA

29 14:30 **J. HOLUB**, M. KROULÍK
SOIL ELECTRICAL CONDUCTIVITY DATA ACQUISITION BY UAV

30 14:40 **L. J. HRABÁNEK**
THE COMPARATIVE ANALYSIS OF THE ORGANIZATION OF WORK ZONES ON MOTORWAYS - TRAFFIC SIGNS IN THE WORK ZONE

31 14:50 **J. KADEŘÁBEK**
EVALUATION OF THE GNSS RECEIVERS PROPERTIES

15:00 - 15:20 COFFE BREAK

32 15:20 **T. OLŠAN**, B. Marí SOUCASE, M. LIBRA
SPAIN

33 15:30 **P. JIRSA**, J. MALAŤÁK
DRY SORPTION STABILIZATION OF ACIDIC COMPOUNDS IN FLUE GASES

34 15:40 **L. PÍPAL**
BASIC CONTROL AND STABILIZATION OF HEXACOPTER USING THE ARDUINO PLATFORM

35 15:50 **P. PROCHÁZKOVÁ**
THE CONSUMPTION OF TRANSPORT ENERGY – PERSPECTIVES OF ELECTRIC VEHICLES

36 16:00 **M. BUŘIČ**
COMPARISON OF TWO METHODS FOR MEASURING DRAUGHT FORCE OF THE TRACTOR

37 16:10 **K. KŘÍŽOVÁ**
EVALUATION OF DIFFERENT KIND OF REMOTE SENSING TECHNIQUES BY ESTIMATION OF SUGAR BEET YIELD
