

Niš, Serbia 5 - 6 June 2014

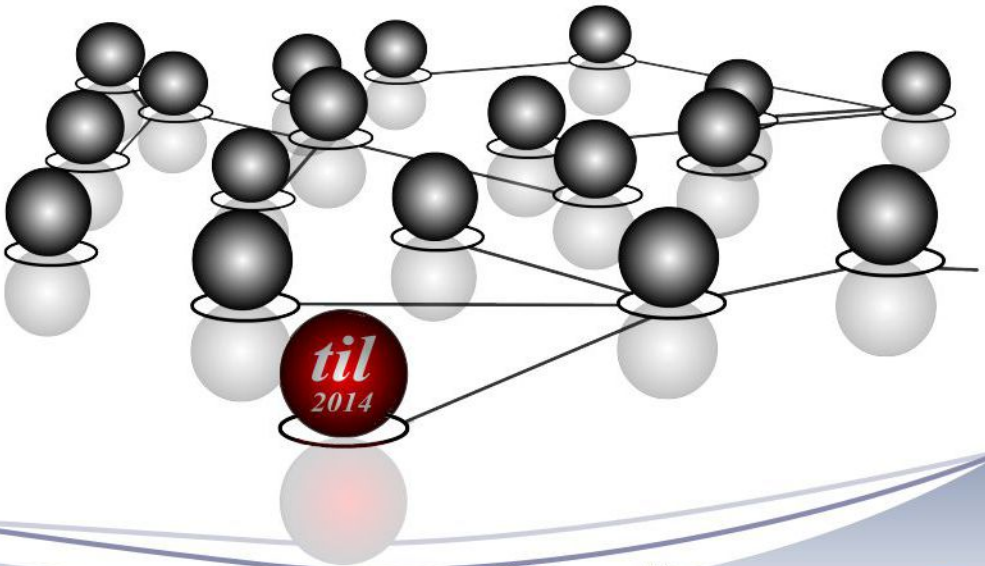
5th INTERNATIONAL CONFERENCE

TRANSPORT & LOGISTICS

vehicle routing
inventory control
availability
functions
material flow
storage
structural analysis
production
logistics
control
warehousing
maintenance
shipping
mobile
machines
transportation
SCM
cranes
optimisation
simulation

city logistics
vehicle
material handling
transport machines
management
information flow
control
ergonomics and industrial design
design
VRP
E-business
operation research
organization
supply chain
distribution
lean
reverse logistics
management
flow system
management
reliability
method
supply order
GSM efficient
production
traffic
order

warehousing
GIS resource
GPS goods
project management
efficient
AHP production
method traffic
supply order



UNDER THE AUSPICES OF

Serbian Ministry of Science and Technological Development

HONORARY COMMITTEE

dr Srđan Verbić, Minister of Education, Science and Technological Development of the Republic of Serbia

Prof. dr Dragan Antić, rector of the University of Niš

Prof. dr Vlastimir Nikolić, dean of the Faculty of Mechanical Engineering

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Nikola Petrović, teaching assistant, Faculty of Mechanical Engineering Niš

Vesna Jovanović, assistant researcher, Faculty of Mechanical Engineering Niš

Danijel Marković, assistant researcher, Faculty of Mechanical Engineering Niš

Vojislav Tomić, assistant researcher, Faculty of Mechanical Engineering Niš

Jovan Pavlović, PhD student, Faculty of Mechanical Engineering Niš

Dejan Žikić, Faculty of Mechanical Engineering Niš

09.00 - 10.00

PARTICIPANT APPLICATION

The central hall - Faculty of Mechanical Engineering Niš

10.00 - 10.50

CONFERENCE OPENING

Faculty of Mechanical Engineering Niš, classroom A

Welcome address:

dr Srđan Verbić, Minister of Education, Science and Technological Development of the Republic of Serbia

Prof. dr Dragan Antić, Rektor of University of Niš,

Prof dr Zoran Perišić, The Mayor of the city of Niš,

Prof. dr Vlastimir Nikolić, deen MFN Niš, Official opening of conference TIL - 2014,

Prof. dr Janko Jančevski, Co-organizer, "Ss. Cyril and Methodius" University of Skopje

Prof. dr Marin Georgiev, Co-organizer, Technical University of Sofia,

Prof. dr Miomir Jovanović, MFN Niš, Chairman of the Progame committee Conference TIL 2014,

Prof. dr Dragoslav Janošević MFN Niš, Chairman of Organisation Committee TIL 2014.

Hand of traditional Acknowledgments of Conference TIL 2014.

The opening ceremony of the conference will be followed by the student String Quintet *Leđero* of the Faculty Arts, University of Nis.

11.00 - 12.15

PLENARY SESSION (SESSION-1)

Faculty of Mechanical Engineering Niš, classroom A

Moderate: Prof. dr Milomir Gašić, MF Kraljevo

Prof. dr Miomir Jovanović, MF Niš

- 1.TRENDS IN THE TECHNICAL LOGISTICS RESEARCH AND UNIVERSITY EDUCATION, Marin Georgiev Faculty of German Engineering and Industrial Management Technical University of Sofia
- 2.SOME ADVANCED STRUCTURAL DESIGN SOLUTIONS IN THE FIELD OF TRANSPORTATION, Manfred Zehn, TU Berlin, Department of Structural Analysis, Dragan Marinković, University of Niš, Faculty of Mechanical Engineering, TU Berlin
- 3.DEVELOPMENT CHRONOLOGY OF THE "TRET" AND "SCREEN CONTACT" METHODOLOGIES, Janko Janchevski, "Ss. Cyril and Methodius" University, Faculty of Mechanical Engineering, Skopje
- 4.DAHAR EU SEE PROJECT AS AN INCENTIVE TO THE DEVELOPMENT OF LOGISTICS IN THE DANUBE REGION, Milosav Georgijević, Sanja Bojić, University of Novi Sad, Faculty of Technical Sciences

12.20 - 13.00

Cocktail break

12.30 - 14.00

LOGISTICS (SESSION-2)

Faculty of Mechanical Engineering Niš, classroom B

Moderate: Prof. dr Nada Barac, EF Niš

Doc. dr Goran Petrović, MF Niš

- 5.ANALYSIS OF LOGISTICS CHAINS IN DAIRY INDUSTRY, Zoran Marinković, University of Niš, Faculty of Mechanical Engineering, Dragan Marinković, University of Niš, Faculty of Mechanical Engineering, TU Berlin, Goran Marković, University of Kragujevac, Faculty of Mechanical Engineering in Kraljevo, Vojislav Tomić, University of Niš, Faculty of Mechanical Engineering
- 6.MODERN BUSINESS MODELS OF LOW-COST AIRLINES AS A COMPETITION FACTOR ON THE AIR-TRAFFIC MARKET, Jelena Petrović, Department of Geography, Faculty of Science and Mathematics Nis, Ivana Burazor, Department of Cardiology, Institute for Rehabilitation, Belgrade, Nenad Burazor, Hemofarm, Belgrade

7. THE MODERN TECHNOLOGY PACKAGING AND OPPORTUNITIES FOR ACTIVE PROMOTION OF PRODUCTS, Saša Randelović, Vladislav Blagojević, University of Nis, Faculty of Mechanical Engineering, Dejan Tanikić, Dalibor Đenadić, University of Belgrade, Technical Faculty in Bor
8. APPLICATIONS OF MATRIX-ANALYTIC METHODS AND PHASE-TYPE DISTRIBUTIONS IN STOCHASTIC LOGISTIC PROBLEMS MODELING, Goran Petrović, Danijel Marković, Predrag Milić, Žarko Čojbašić, Miloš Madić, University of Niš, Faculty of Mechanical Engineering

12.30 - 14.00

TRANSPORTING TECHNIQUE (SESSION-3)

Faculty of Mechanical Engineering Niš, Ceremonial Hall

Moderate: Prof. dr Dragan Milčić, MF Niš

Prof. dr Dragoslav Janošević, MF Niš

9. OPTIMIZATION OF THE POWERTRAIN MANIPULATOR MECHANISMS WITH HYDROSTATIC DRIVE, Dragoslav Janošević, Jovan Pavlović, Ivan Savić, Saša Marković, University of Niš, Faculty of Mechanical Engineering
10. DYNAMICAL RESPONSE OF STRUCTURES TO MALICIOUS AND RANDOM ACTIONS, Miomir Jovanović, Goran Radoičić, University of Niš, Faculty of Mechanical Engineering
11. SIMPLIFIED LIFE CYCLE ASSESSMENT OF BELT CONVEYOR DRIVE PULLEY, Miloš Dorđević, Faculty of Mechanical Engineering, University of Belgrade, Nenad Zrnčić, Faculty of Mechanical Engineering, University of Belgrade, Boris Jerman, Faculty of Mechanical Engineering, University of Ljubljana
12. DEVICE FOR TRANSPORTING OUT OF DIMENSION SHEET METAL WITH TRUCK, Viktor Stojmanovski, Ss Cyril and Methodius University, Faculty of Mechanical Engineering in Skopje
13. INVESTIGATION OF OPERATING TEMPERATURE OF SPUR GEARS USING CVFEM, Janko Jovanović, Nikola Đurišić, Janko D. Jovanović, University of Montenegro Faculty of Mechanical Engineering, Podgorica, Nikola R. Đurišić, Doding, Podgorica
14. SIMULATIONS OF ELEVATOR CABINS LIFTING AND DYNAMIC MODELS, Jovan Vladić, Radomir Đokić, University of Novi Sad, Faculty of Technical Sciences, Vesna Jovanović, University of Niš, Faculty of Mechanical Engineering, Dragan Živanić, University of Novi Sad, Faculty of Technical Sciences

15.00 - 16.30

LOGISTICS (SESSION-4)

Faculty of Mechanical Engineering Niš, classroom B

Moderate: Prof. dr Milosav Georgijević, FTN Novi Sad

Prof. dr Snežana Pejčić-Tarle, SF Beograd

15. APPLICATION OF COPRAS METHOD FOR SUPPLIER SELECTION, Miloš Madić, Danijel Marković, Goran Petrović, Miroslav Radovanović, University of Niš, Faculty of Mechanical Engineering
16. A MULTI-CRITERIA DECISION MAKING APPROACH FOR EVALUATING SUSTAINABLE CITY LOGISTICS MEASURES, Tanja Parezanović, Snežana Pejčić Tarle, University of Belgrade, Faculty of Transport and Traffic Engineering, Nikola Petrović, University of Nis, Faculty of Mechanical Engineering
17. CONTRIBUTION TO OPTIMAL CONTAINER FLOW ROUTING BETWEEN FAR EAST AND SERBIA THROUGH SELECTED ADRIATIC PORTS, Radoslav Rajkovic, Nenad Zrnčić, University of Belgrade, Faculty of Mechanical Engineering, Đorđe Stakić, University of Belgrade, Faculty of Mathematics

18. AIR POLLUTION FROM TRANSPORT, Milica Jović, Mirjana Laković, Slobodan Mitrović, University of Niš, Faculty of Mechanical Engineering
19. TRANSPORT AND DEPOSITION OF SLAG AND ASH, Mirjana Laković, Slobodan Mitrović, Milica Jović, University of Niš, Faculty of Mechanical Engineering, Dejan Tanikić, Dalibor Denadić, University of Belgrade, Technical Faculty in Bor

15.00 - 16.30

TRANSPORTING TECHNIQUE (SESSION-5)

Faculty of Mechanical Engineering Niš, Ceremonial Hall

Moderate: Prof. dr Dušan Stamenković, MF Niš
Prof. dr Jovan Vladić, FTS Novi Sad

20. SKEWING LOADINGS IN THE SCOPE OF MATERIAL FATIGUE PHENOMENA OF CRANE STRUCTURE AND TRAVELLING MECHANISM COMPONENTS, Rastislav Šostakov, Atila Zelić, Ninoslav Zuber, University of Novi Sad, Faculty of Technical Sciences, Hotimir Ličen, Jr., TRCPro, Petrovaradin
21. UTILIZATION OF AN INTERMITTENT MOTION MECHANISM FOR ENERGY HARVESTING FROM VEHICLE SUSPENSIONS, Milan Pavlović, Vukašin Pavlović, Miša Tomić, Andrija Milojević, Miloš Milošević, University of Niš, Faculty of Mechanical Engineering, Ljubiša Tjupa, ETŠ Mija Stanimirović, Niš
22. SOFTWARE DEVELOPMENT FOR OPTIMAL SYNTHESIS OF SLEWING PLATFORM DRIVE MECHANISM OF MOBILE MACHINE, Vesna Jovanović, Dragoslav Janošević, University of Niš, Faculty of Mechanical Engineering, Radomir Djokić, University of Novi Sad, Faculty of Technical Sciences, Jovan Pavlović, University of Niš, Faculty of Mechanical Engineering.
23. EFFECTS OF USING A SUPPLEMENTARY COMPONENT GENERATED BY A CATALYTIC REACTOR ON THE COMBUSTION OF THE PRIMARY FUEL OF A LOADED DIESEL GENERATOR, Miloš Milošević, Miodrag Milenković, University of Niš, Faculty of Mechanical Engineering, Jovica Pešić, LINEX Pirot, Boban Nikolić, Dušan Stamenković, University of Niš, Faculty of Mechanical Engineering
24. DYNAMIC ANALYSIS OF THE Z-BAR LOADER WORKING MECHANISM, Jovan Pavlović, Dragoslav Janošević, Vesna Jovanović, Predrag Milić, University of Niš, Faculty of Mechanical Engineering
25. STRESS DETERMINATION IN REINFORCED I-SECTION BOTTOM FLANGE OF SINGLE GIRDER CRANE, Milomir Gašić, Mile Savković, Nebojša Zdravković, Goran Marković, Faculty of Mechanical and Civil Engineering Kraljevo, Hajruš Hot, Technical school in Tutin

16.45 - 18.15

TRAFFIC (SESSION-6)

Faculty of Mechanical Engineering Niš, classroom B

Moderate: Prof. dr Ljubislav Vasin, MF Niš
Prof. dr Janko Jovanović, MF Podgorica

26. EVALUATION OF EFFICIENCY OF URBAN BUS LINES IN NIŠ, Nikola Petrović, Ljubislav Vasin, University of Niš, Faculty of Mechanical Engineering, Tanja Parezanović, University of Belgrade, Faculty of Transport and Traffic Engineering
27. MULTI-CRITERIA ANALYSIS OF ALTERNATIVE PROPULSION SYSTEMS FOR VEHICLES OF PUBLIC TRANSPORT PASSENGERS IN NIŠ, Nikola Petrović, Dušan Stamenković, University of Niš, Faculty of Mechanical Engineering, Snežana Pejčić Tarle, University of Belgrade, Faculty of Transport and Traffic Engineering, Ljubislav Vasin, Miloš Milošević, University of Niš, Faculty of Mechanical Engineering

28. SCENARIOS ACCIDENTS AND RISK ASSESSMENT MODEL IN THE TRANSPORT OF DANGEROUS GOODS BY RAIL, Suzana Graovac, Tomislav Jovanović, Milan Živanović, Institute „Kirilo Savić“, Belgrade, Serbia
29. AN OPTIMIZATION APPROACH TO THE LOCOMOTIVE SCHEDULING PROBLEM, Nena Tomović, Serbian Railways, University of Belgrade, Department of Infrastructure, Belgrade, Snežana Pejčić- Tarle, Faculty of Transport and Traffic Engineering, Pavle Gladović, University of Novi Sad, Faculty of Technical Sciences
30. LOGISTIC CENTERS: LITERATURE REVIEW AND PAPERS CLASSIFICATION, Dejan Mirčetić, Svetlana Nikoličić, Marinko Maslarić, University of Novi Sad, Faculty of Technical Science
31. SIMULATION OF MATERIAL FLOW IN THE FACTORY ECO-FOOD, Saša Marković, Leo Milošev, University of Niš, Faculty of Mechanical Engineering

16.45 - 18.15

Industrial technology (SESSION-7)

Faculty of Mechanical Engineering Niš, Ceremonial Hall

*Moderate: Prof. dr Zoran Marinković, MF Niš
Doc. dr Vladislav Blagojević, MF Niš*

32. GRIPPERS IN MANIPULATION PROCESSES, Vladislav Blagojević, Miodrag Stojiljković, Ivan Marinković, University of Nis, Faculty of Mechanical Engineering
33. TECHNICAL DEVICE SOLUTION FOR KINEMATICS CONTROL OF MINING EXPORT MACHINES, Miodrag Arsić, University of Niš, Electronic Faculty, Miomir Jovanović, Goran Radoičić, Vojislav Tomić, Danijel Marković University of Nis, Faculty of Mechanical Engineering
34. THE APPLICATION OF RFID TECHNOLOGY IN THE TOOLS SUPPLY OF CNC MACHINE, Ivan Marinković, Vladislav Blagojević, University of Nis, Faculty of Mechanical Engineering
35. INVESTIGATION OF INTERNET B2B/B2C MODELS SELECTION OF USED CRANES, Tijana Agović, MSc student, Miomir Jovanović, University of Nis, Faculty of Mechanical Engineering
36. CRITERIA SYSTEM DEFINING IN MULTICRITERIA DECISION MAKING PROBLEM AT TRANSPORT – STORAGE SYSTEM ELEMENTS CHOICE, Goran Marković, Milomir Gašić, Mile Savković, Faculty of Mechanical Engineering and Construction in Kraljevo, University of Kragujevac, Zoran Marinković, Vojislav Tomić, University of Nis, Faculty of Mechanical Engineering
37. SIMULATION OF MATERIAL FLOW IN THE ZONED ORDER PICKING SYSTEMS, Dragan Živanić, Faculty of Technical Sciences, University of Novi Sad, Jovan Vladić, Faculty of Technical Sciences, University of Novi Sad, Igor Dzinčić, Radomir Đokić, Faculty of Forestry, University of

19.00

Ceremony diner

Niš's tavern (On the Tennis court, nearly the river Nišava)

09.00 - 10.00

REGISTRATION OF PARTICIPANTS / INFORMATION DESK

The central hall - Faculty of Mechanical Engineering Niš

10.00 - 10.20

OFFICIAL OPENING

Faculty of Mechanical Engineering Niš, classroom B

prof. Dr Dragoslav Janošević – President of the Organizing Committee TIL 2014.

prof. Dr Milosav Georgijević – President of Serbian Logistics Association

10.20 - 11.00

Presentation of the participants – part 1

Faculty of Mechanical Engineering Niš, classroom B

INTEGRATED SOLUTION OF INTERNAL TRANSPORT AND STORAGE IN DOUBLEDEEP RACKING SYSTEM, Mladen Popović, Metal Sistemi Plus

THE ADVANTAGES OF PROFESSIONAL SOFTWARE SOLUTIONS IN SUPPLY CHAIN MANAGEMENT, Nikola Milovanović, Veridix

METAL SISTEMI plus
www.metalsistemiplus.com

VERIDIX

11.00 - 11.20

Coffe break

11.20 - 12.20

Presentation of the participants – part 2

Faculty of Mechanical Engineering Niš, classroom B

THE NEW GENERATION OF INDUSTRIAL AND STORAGE PRINTERS, Vuk Vitić, Info kod rešenja

IMPLEMENTATION CHALLENGES OF WAREHOUSE MANAGEMENT SYSTEMS, Bojan Dobrota, LOGIT

AUTOMATED WAREHOUSE – CASE STUDY, David Radić, Gebhardt

LOGIT

symphony EYC

Gebhardt

infokod rešenja
www.info-kod-resenja.rs

12.20 - 13.00

Cocktail break

13.00 - 14.10

Presentation of the participants – part 3

Faculty of Mechanical Engineering Niš, classroom B

SYSTEM FOR VEHICLE ROUTING AND WAREHOUSE MANAGEMENT ON EXAMPLES OF A 3PL COMPANY AND REGIONAL RETAIL CHAIN, Siniša Avram, S & T Serbia

s&t

VOCOLLECT - PICK BY VOICE SYSTEMS, Nebojša Brković, Alba Tehnologije

Vocollect
by Honeywell

AUTOMATED SYSTEMS FOR WAREHOUSE AND PICKING, Hristo Urumov, Storactlog

STORACT
LOG
Engineering & Storage Solutions

14.10 - 14.30

Coffe break

14.30 - 15.30

Presentation of the participants – part 4
Faculty of Mechanical Engineering Niš, classroom B

SORTING SYSTEMS OF DISTRIBUTION CENTER FOR PACKET DELIVERY,
Miloš Gligorijević, Trasing

PRESENTATION OF THE COMPANY,
Dejan Simić, Recon

PRESENTATION OF THE COMPANY,
Aleksandar Korićanac, Soko Bom



ALBATECH
www.albotech.rs

Logistika
ISSN 2334-8399
i Transport

15.30 - 16.30

Round table – B2B meetings
Faculty of Mechanical Engineering Niš, classroom B

05-06 June

EXHIBITION
The central hall - Faculty of Mechanical Engineering Niš



Ministry of Education, Science and
Technological Development of the
Republic of Serbia

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consulting


JKA "MEDHANA" NIŠ

Ideas that moves
news + logistics

PLUTON
LOGISTICS

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