



5<sup>th</sup> INTERNATIONAL CONFERENCE  
**TRANSPORT  
&  
LOGISTICS**



University of Niš, Univerzitetski trg 2, Niš

**The conference program – 22<sup>nd</sup> MAY 2014**

**09,00-10,00** Participant application

**10,00-10,05** Salutatory word of Conference Moderator

**10,05-10,50 Welcome address:**

Ministry of Education, Science and Technological Development, 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 Miomir Jovanović** - MFN Niš, Chairman of the Progame committee Conference TIL 2014,

**Prof. dr Janko Jančevski** - Co-organizer, Mechanical Faculty Skopje, University of Skopje

**Prof. dr Marin Georgiev**- Co-organizer, Faculty of German Engineering and Industrial Management Technical University of Sofia

**Prof. dr Janko Jovanović** - Co-organizer, University of Montenegro

**Prof. dr Dragoslav Janošević** - MFN Niš, Chairman of Organisation Committee TIL 2014, Hand of traditional Acknowledgments of Conference TIL 2014

**10,50-11,00** Pause

**11,00-12,15** **PLENARY SESSION (SESSION-1)**

Moderate: **Prof. dr Milomir Gašić, MF Kraljevo**

**Prof. dr Dragan Marinković, MFN Niš – TU Berlin**

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, Dragan Marinkovic – TU Berlin*
3. DEVELOPMENT CHRONOLOGY OF THE "TRET" AND "SCREEN CONTACT" METHODOLOGIES, *Janko Janchevski – University of Skopje*

**12,15-12,30** Pause

**12,30-14,00** **SESSION -2 LOGISTICS – Main Hall**

Moderate: **Prof. dr Nada Barac, EFN Niš**

**Doc. dr Goran Petrović, MFN Niš**

4. DAHAR EU SEE PROJECT AS AN SUPPORT TO THE DEVELOPMENT OF LOGISTICS IN THE DANUBE REGION, *Milosav Georgijević, Sanja Bojić*
5. APPLICATIONS OF PHASE-TYPE DISTRIBUTIONS IN STOCHASTIC LOGISTIC PROBLEMS MODELING, *Goran Petrović, Danijel Marković, Žarko Čojbašić, Miloš Madić*
6. ANALYSIS OF THE LOGISTIC CHAIN IN THE DAIRY, *Zoran Marinković, Dragan Marinković, Goran Marković, Vojislav Tomić*
7. MODERN BUSINESS MODELS OF LOW-COST AIRLINES AS A COMPETITION FACTOR ON THE AIR-TRAFFIC MARKET, *Jelena Petrović, Ivana Burazor, Nenad Burazor*
8. THE MODERN TECHNOLOGY PACKAGING AND OPPORTUNITIES FOR ACTIVE PROMOTION OF PRODUCTS, *Saša Randelović, Vladislav Blagojević, Dejan Tanikić, Dalibor Đenadić*

**12,30-14,00** **SESSION -3 TRANSPORTING TECHNIQUE**

**Room 8 (floor)**

Moderate: **Prof. dr Miomir Jovanović, MF Niš**

**Prof. dr Dragan Milčić, MFN Niš**

9. OPTIMIZATION OF THE POWERTRAIN MANIPULATOR MECHANISMS WITH HYDROSTATIC DRIVE, *Dragoslav Janošević, Vesna Jovanović, Jovan Pavlović, Ivan Savić*
10. DYNAMICAL RESPONSE OF STRUCTURES TO MALICIOUS AND RANDOM ACTIONS, *Miomir Jovanović, Goran Radoičić*
11. SIMPLIFIED LIFE CYCLE ASSESSMENT OF BELT CONVEYOR DRIVE PULLEY, *Miloš Đorđević, Nenad Zrnić, Boris Jerman*
12. DEVICE FOR TRANSPORTING OUT OF DIMENSION SHEET METAL WITH TRUCK, *Viktor Stojmanovski,*
13. INVESTIGATION OF OPERATING TEMPERATURE OF SPUR GEARS USING CVFEM, *Janko Jovanović, Nikola Đurišić*
14. SIMULATIONS OF ELEVATOR CABINS LIFTING AND DYNAMIC MODELS, *Jovan Vladić, Radomir Đokić, Vesna Jovanović, Dragan Živanić*

**14,00-15,00** Pause

**15,00-16,30** **SESSION - 4 LOGISTICS – Main Hall**

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, Vojislav Tomić*
16. A MULTI-CRITERIA DECISION MAKING APPROACH FOR EVALUATING SUSTAINABLE CITY LOGISTICS MEASURES, *Tanja Parezanović, Snežana Pejčić Tarle, Nikola Petrović*
17. CONTRIBUTION TO OPTIMAL CONTAINER FLOW ROUTING BETWEEN FAR EAST AND SERBIA THROUGH SELECTED ADRIATIC PORTS, *Radoslav Rajkovic, Nenad Zrnić*
18. AIR POLLUTION FROM TRANSPORT, *Milica Jović, Mirjana Laković, Slobodan Mitrović*
19. TRANSPORT AND DEPOSITION OF SLAG AND ASH, *Mirjana Laković, Slobodan Mitrović, Milica Jović*

**15,00-16,30** **SESSION -5 TRANSPORTING TECHNIQUE**

**Room 8 (floor)**

Moderate: **Prof. dr Dragoslav Janošević, 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, Ninoslav Zuber, Atila Zelić*
21. UTILIZATION OF AN INTERMITTENT MOTION MECHANISM FOR ENERGY HARVESTING FROM VEHICLE SUSPENSIONS, *Milan PAVLOVIĆ, Vukašin Pavlović, Miša Tomić, Andrija Milojević, Miloš Milošević, Ljubiša Tjupa*
22. SOFTWARE DEVELOPMENT FOR OPTIMAL SYNTHESIS OF SLEWING PLATFORM DRIVE MECHANISM OF MOBILE MACHINE, *Vesna Jovanović, Dragoslav Janošević, Radomir Đokić, Jovan Pavlović*



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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, Jovica PEŠIĆ, Boban Nikolić, Dušan Stamenković*
24. DYNAMIC ANALYSIS OF THE Z-BAR LOADER WORKING MECHANISM, *Jovan Pavlović, Dragoslav Janošević, Vesna Jovanović, Predrag Milić*
25. STRESS DETERMINATION IN REINFORCED I-SECTION BOTTOM FLANGE OF SINGLE GIRDER CRANE, *Milomir GAŠIĆ, Mile Savković, Nebojša Zdravković, Goran Marković, Hajruš Hot*

16,30-16,45 Pause

## 16,45-18,15 SESSION-6 TRAFFIC – Main Hall

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, Tanja Parezanović, Vesna Jovanović*
27. MULTI-CRITERIA ANALYSIS OF ALTERNATIVE PROPULSION SYSTEMS FOR VEHICLES OF PUBLIC TRANSPORT PASSENGERS IN NIŠ, *Nikola Petrović, Dušan Stamenković, Snežana Pejčić Tarle, Ljubislav Vasin, Miloš Milošević*
28. SCENARIOS ACCIDENTS AND RISK ASSESSMENT MODEL IN THE TRANSPORT OF DANGEROUS GOODS BY RAIL, *Suzana Graovac, Tomislav Jovanović, Milan Živanović*
29. AN OPTIMIZATION APPROACH TO THE LOCOMOTIVE SCHEDULING PROBLEM, *Nena Tomović, Snežana Pejčić- Tarle, Pavle Gladović*
30. LOGISTIC CENTERS: LITERATURE REVIEW AND PAPERS CLASSIFICATION, *Dejan Mirčetić, Svetlana Nikoličić, Marinko Maslarić*
31. SIMULATION OF MATERIAL FLOW IN THE FACTORY ECO-FOOD, *S. Marković, L.Milošev*

## 16,45-18,15 SESSION-7 Industrial technology Room 8 (floor)

Moderate: **Prof. dr Zoran Marinković, MF Niš**

**Doc. dr Vladislav Blagojević, MF Niš**

32. GRIPPERS IN MANIPULATION PROCESSES, *Vladislav Blagojević, Miodrag Stojiljković, Ivan Marinković*
33. TECHNICAL DEVICE SOLUTION FOR KINEMATICS CONTROL OF MINING EXPORT MACHINES, *Miodrag Arsić, Miomir Jovanović, Goran Radoičić, Vojislav Tomić, Danijel Marković*
34. THE APPLICATION OF RFID TECHNOLOGY IN THE CNC MACHINE TOOLS SUPPLY, *Ivan Marinković, Vladislav Blagojević*
35. INVESTIGATION OF INTERNET B2B/B2C MODELS SELECTION OF USED CRANES, *Tijana Agović, Miomir Jovanović*
36. CRITERIA SYSTEM DEFINING IN MULTICRITERIA DECISION MAKING PROBLEM AT TRANSPORT – STORAGE SYSTEM ELEMENTS CHOICE, *Goran Marković, Milomir Gašić, Mile Savković Zoran Marinković, Vojislav Tomić*
37. SIMULATION OF MATERIAL FLOW IN THE ZONED ORDER PICKING SYSTEMS, *Dragan ŽIVANIĆ, Jovan Vladić, Igor Dzinčić, Radomir Đokić, Anto Gajić*

19.00 Ceremony diner

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

## The conference program – 23<sup>rd</sup> May 2014

09.00 - 10.00 Registration of participants / Information desk

10.00 - 10.20 Official opening and keynote speech / Great Hall of the University of Niš

- 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 / Great Hall of the University of Niš

10.20 - 10.40 Integrated solution of internal transport and storage in doubledeep racking system, *Mladen Popović, Metal Sistemi Plus*

10.40 – 11.00 The advantages of professional software solutions in supply chain management, *Nikola Milovanović, Veridix*

11.00 - 11.20 Coffe break

11.20 - 12.20 Presentation of the participants – part 2 / Great Hall of the University of Niš

11.20 - 11.40 The new generation of industrial and storage printers, *Vuk Vitić, Info kod rešenja*

11.40 – 12.00 Implementation challenges of warehouse management systems, *Bojan Dobrota, LOGIT*

12.00 - 12.20 Automated warehouse – case study, *David Radić, Gebhardt*

12.20 - 13.00 Cocktail break

13.00 - 14.10 Presentation of the participants – part 3 / Great Hall of the University of Niš

13.00 - 13.20 System for vehicle routing and warehouse management on examples of a 3PL company and regional retail chain, *Siniša Avram, S & T Serbia*

13.20 - 13.40 Pick by voice systems, *Nebojša Brković, Alba Tehnologije*

13.40 - 14.10 Automated systems for warehouse and picking, *Hristo Urumov, Storactlog*

14.10 - 14.30 Coffe break

14.30 - 15.30 Presentation of the participants – part 4 / Great Hall of the University of Niš

14.30 - 14.50 Sorting systems of distribution center for packet delivery, *Miloš Gligorijević, Trasing*

14.50 – 15.10 Presentation of the company, *Dejan Simić, Recon*

15.10 - 15.30 Presentation of the company, *Aleksandar Korićanac, Soko Bom*

15.30 - 16.30 Round table – B2B meetings / Great Hall of the University of Niš

Conference organizer:

**Mechanical Faculty University of Niš,**

18000 Niš, Str.A.Medvedeva 14

PARTICIPATION CONFIRMING:

Please, confirm Your participation to the Conference by sending

E-mail: (danijel@masfak.ni.ac.rs), or by phone:

018/500-679, 060/6700853, TIL 18th MAY 2014



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