PROGRAMME OF
14TH SCIENTIFIC AND TECHNICAL CONFERENCE
TRANSPORT SYSTEMS
THEORY & PRACTICE (TSTP2017)
KATOWICE, 18-20.09.2017

HONORARY PATRONAGE

MINISTRY OF INFRASTRUCTURE AND CONSTRUCTION

HONORARY PATRONAGE

Honorary Patronage
Marshal of the Silesian Voivodeship

SILESIAN VOIVODE

MEDIA PATRONAGE

INSTITUTIONS SUPPORTING THE IDEA OF THE CONFERENCE

Special session called “Urban mobility and decision support tools for transport systems” during the conference is related to the implementation of the international project within the scope of ERA-NET Transport III Programme: “Smart platform to integrate different freight transport means, manage and foster first and last mile in supply chains (S-MILE)” which is financing from the means of the National Centre for Research and Development.
OPENING and INVITED LECTURE (SAMBA+TANGO+SALSA HALLS)

10.00 – 10.30 Opening of the TSTP2017 Conference

10.30 – 11.15 Jacek Żak
Poznań University of Technology, Poznań, Poland
DESIGN AND EVALUATION OF TRANSPORTATION SYSTEMS

11.15 – 11.30 - discussion

PLENARY SESSION 1.1 (SAMBA+TANGO+SALSA HALLS)
WIDE SPECTRUM OF CONTEMPORARY TRANSPORT PROBLEMS – PART I
Chairman:
Maciej Mindur – International School of Logistic and Transport in Wroclaw, Wroclaw, Poland

12.30 – 14.15 - presentations
14.00 – 14.30 - discussion

12.30 Antonio Pratelli, Massimiliano Petri, Alessandro Farina, Marino Lupi
University of Pisa, Pisa, Italy
TAGES Soc.Coop., Pisa, Italy
IMPROVING BICYCLE MOBILITY IN URBAN AREAS THROUGH ITS TECHNOLOGIES: THE SAVEMYBIKE PROJECT

12.45 Marianna Jacyna, Mirosław Krześniak
Warsaw University of Technology, Warsaw, Poland
PKP CARGO S.A. Warsaw, Poland
COMPUTER SUPPORT OF DECISION-MAKING FOR THE PLANNING MOVEMENT OF FREIGHT WAGONS ON THE RAIL NETWORK

13:00 Leszek Mindur
International School of Logistic and Transport in Wroclaw, Wroclaw, Poland
DEVELOPMENT OF ITALIAN RAILWAYS IN THE YEARS 2002-2015 INCLUDING HIGH-SPEED RAILWAY LINES

13:15 Andrzej Więckowski
AGH University of Science and Technology, Cracow, Poland
DIFFERENTIATED ROAD CONSTRUCTION COSTS

13:30 Piotr Sawicki, Szymon Fierek
Poznań University of Technology, Poznań, Poland
MIXED PUBLIC TRANSPORT LINES CONSTRUCTION AND VEHICLE’S DEPOTS LOCATION PROBLEMS

13:45 Stanisław Miecznikowski, Dariusz Tłoczyński
University of Gdansk, Gdansk, Poland
PRIVATIZATION OF ENTITIES IN THE AIR TRANSPORT SECTOR – AIRPORTS
PLENARY SESSION 1.2 (SAMBA+TANGO+SALSA HALLS)
WIDE SPECTRUM OF CONTEMPORARY TRANSPORT PROBLEMS – PART II

Chairman:
Marianna Jacyna – Warsaw University of Technology, Warsaw, Poland

16.00 – 17.45 - presentations
17.45 – 18.00 - discussion

16.00 Adam Wolski
Polish Naval Academy, Gdynia, Poland
OPERATION OF SEA-GOING CRUISE SHIPS IN POLAR WATERS OF THE ANTARCTICA

16.15 Sylwester Markusik, Aleksander Sobota
Silesian University of Technology, Katowice, Poland
THE ADVANTAGES OF THE ADAPT ODER RIVER WATERWAY FOR INTERMODAL TRANSPORT OF THE VALUABLE BULK MATERIALS

16:30 Marcin Budzyński, Kazimierz Jamroz, Łukasz Jeliński, Mariusz Kieć
Gdańsk University of Technology, Gdańsk, Poland
Cracow University of Technology, Kraków, Poland
STUDYING THE BEHAVIOUR OF PEDESTRIANS AND DRIVERS WITHIN PEDESTRIAN CROSSINGS

16:45 Marek Bauer
Cracow University of Technology, Cracow, Poland
POSSIBILITIES FOR ENHANCEMENT OF THE QUALITY OF KRAKOW’S TRAM TRANSPORT WITH TUNNEL SECTIONS

17:00 Marcin Staniek
Silesian University of Technology, Katowice, Poland
CRACKS DETECTION OF ASPHALT PAVEMENT IN ROAD INSPECTION PROCESS

17:15 Hubert Büchter, Sebastian Naumann
Fraunhofer-Institute for Material Flow and Logistics IML, Dortmund, Germany
Institut f. Automation und Kommunikation e.V. Magdeburg, Germany
CHARGING ELECTRICALLY DRIVEN BUSES CONSIDERING LOAD BALANCING IN THE POWER GRID

17:30 Konrad Kawalkowski, Jakub Młyńczak, Zbigniew Olczykowski, Jerzy Wojciechowski
Kazimierz Pulaski University of Technology and Humanities in Radom, Poland
Silesian University of Technology, Katowice, Poland
A CASE ANALYSIS OF ELECTRICAL ENERGY RECOVERY IN PUBLIC TRANSPORT
PANEL SESSION 2.1 (SAMBA+TANGO+SALSA HALLS)
TRANSPORT MODELING, OPTIMIZATION AND SIMULATION

Chairman:

Marek Bauer – Cracow University of Technology, Cracow, Poland

10.00 – 11.45 - presentations
11.45 – 12.00 - discussion

10.00 – 10.15
Hualan Wang, Lang Yu, Shaochen Qin
School of Traffic and Transportation, Lanzhou Jiaotong University, Lanzhou, China
SIMULATION AND OPTIMIZATION OF PASSENGER FLOW LINE IN LANZHOU WEST RAILWAY STATION

10.15 – 10.30
Barbara Galińska
Łódź University of Technology, Łódź, Poland
MULTIPLE CRITERIA EVALUATION OF GLOBAL TRANSPORTATION SYSTEMS - ANALYSIS OF CASE STUDY

10.30 – 10.45
Maciej Mindur
International School of Logistic and Transport in Wroclaw, Wroclaw, Poland
METHODOLOGY FOR EXAMINING THE LINKS BETWEEN TRANSPORT AND THE ECONOMY

10.45 – 11.00
Vitalii Naumov
Cracow University of Technology, Kraków, Poland
ESTIMATING THE NUMBER OF DISPATCHERS OF A FREIGHT FORWARDING COMPANY ON THE BASE OF COMPUTER SIMULATIONS

11.00 – 11.15
Kamil Popiela, Mariusz Wasiak
Warsaw University of Technology, Warsaw, Poland
A METHOD OF LOADING UNIT FORMATION TAKING INTO ACCOUNT MASS, LOAD BEARING STRENGTH AND SURFACES OF PACKING UNITS

11.15 – 11.30
Boris Davydov, Vladimir Chebotarev, Kseniya Kablukova
Far Eastern State Transport University, Khabarovsk, Russia
Computing Center, Far Eastern Branch, Russian Academy of Sciences, Khabarovsk, Russia
ONLINE TRAIN TRAFFIC ADJUSTMENTS: PROBABILISTIC MODELING AND ESTIMATING

11.30 – 11.45
Grzegorz Karoń, Renata Zochowska, Aleksander Sobota, Ryszard Janecki
Silesian University of Technology, Katowice, Poland
University of Economics in Katowice, Katowice, Poland
SELECTED ASPECTS OF THE METHODOLOGY FOR DELIMITATION OF THE AREA OF URBAN AGGLOMERATION IN TRANSPORTATION MODELS FOR THE EVALUATION OF ITS PROJECTS
RELATED TOPICS TO DISCUSS (PART I)

Ireneusz Celiński
TRAFFIC CONTROL SYSTEM INDEPENDENT FROM RANDOM CHANGES

Aleksander Król
STUDY ON FACTORS INFLUENCING THE LIKELIHOOD OF ROAD ACCIDENTS

Rafał Łukasik, Piotr Czech, Tomasz Figlus
FUZZY LOGIC SYSTEM IN THE TASK OF IDENTIFICATION THE BODY CAR WORK DEFORMATION AFTER ROAD ACCIDENT

Elżbieta Macioszek
THE ROLE OF THE LAND TRANSPORT AS A BASIC ELEMENT OF INTEGRATED POLISH TRANSPORT SYSTEM

Elżbieta Macioszek, Grzegorz Sierpiński, Marcin Staniek
THE ANALYSIS OF TRANSPORTATION ACCESSIBILITY OF POLISH REGIONS

Elżbieta Macioszek, Grzegorz Sierpiński, Marcin Staniek
THE IMPACT OF DIFFERENT MODES OF TRANSPORT ON THE ENVIRONMENT

Robert Owsiański, Piotr Czech, Marcin Staniek
CURRENT METHODS IN APPRAISER PRACTICE FOR DETERMINING THE CAR BODY DEFORMATION WORK BEING CAUSED IN ROAD ACCIDENT

Aleksander Sobota
METHODS OF ESTIMATION CAPACITY OF MULTILANE INTERSECTIONS - LITERATURE REVIEW

Marcin Staniek, Piotr Czech, Grzegorz Sierpiński
APPLICATION OF NEURAL NETWORKS IN SMART CITY

Katarzyna Turoń, Grzegorz Sierpiński, Piotr Czech, Magdalena Rojewska
DIFFERENT SOLUTIONS TO USE PERSONAL CARS IN CITIES – ECOLOGICAL FRIENDLY ASPECT

Roman Urbańczyk, Piotr Czech, Grzegorz Sierpiński
ALTERNATIVE SOURCES OF ENERGY IN TRANSPORT 21ST CENTURY CHALLENGES

Artur Zioła, Piotr Czech, Karolina Trzyniec
CONCEPTION OF APPLICATION OF THE NEURAL NETWORK IN THE ASSESSMENT OF DRIVER TRAINING OF ANY MEAN OF TRANSPORT

Renata Żochowska
METHOD OF SELECTING THE OPTIMAL SCHEDULE DURING ROAD WORKS
POSTER SESSION 2.2 (TANGO+SALSA HALLS)
PLANNING AND INTEGRATION OF ENVIRONMENTAL FRIENDLY TRANSPORT
Chairman:

Krzysztof Małecki – West Pomeranian University of Technology, Szczecin, Poland

13.00 – 14.15 - presentations
14.15 – 14.30 - discussion

David Williams
University of the West of England, Bristol, United Kingdom
TRANSPORT PLANNING - IT'S NOT ROCKET SCIENCE

Zofia Bryniarska
Cracow University of Technology, Cracow, Poland
INTERCHANGES AS A KEY ELEMENT OF COMPETITIVE SUSTAINABLE PUBLIC TRANSPORT IN URBAN AREAS

Piotr Czech, Katarzyna Turoń, Roman Urbańczyk
Silesian University of Technology, Katowice, Poland
KZK GOP Union of Transport, Katowice, Poland
BIKE-SHARING AS AN ELEMENT OF INTEGRATED URBAN TRANSPORT SYSTEM

Piotr Czech, Katarzyna Turoń, Grzegorz Sierpiński
Silesian University of Technology, Katowice, Poland
DEVELOPMENT OF THE BIKE-SHARING SYSTEM ON THE EXAMPLE OF POLISH CITIES

Katarzyna Hebel, Marcin Wołek
University of Gdansk, Sopot, Poland
TRENDS OF THE CHANGES IN THE USE OF PASSENGER CARS IN URBAN TRIPS ON THE EXAMPLE OF THE CAR-POOLING IN GDYNIA

Zbigniew Olczykowski, Jerzy Wojciechowski, Jakub Młyńczak
Kazimierz Pulaski University of Technology and Humanities in Radom, Poland
Silesian University of Technology, Katowice, Poland
RELIABILITY AND QUALITY OF POWER SUPPLY FOR RAIL TRANSPORT

Przemysław Borkowski
University of Gdansk, Gdansk, Poland
INDUCING MODAL SHIFT IN PASSENGER TRANSPORT THROUGH ICT SOLUTIONS

Ireneusz Celiński
Silesian University of Technology, Katowice, Poland
USING GT PLANNER TO IMPROVE THE FUNCTIONING OF PUBLIC TRANSPORT
POSTER SESSION 2.3 (SAMBA HALL)
TRANSPORT SAFETY

Chairman:

Hubert Büchter – Fraunhofer-Institute for Material Flow and Logistics IML, Dortmund, Germany

13.30 – 14.15 - presentations
14.15 – 14.30 - discussion

Elżbieta Macioszek
Silesian University of Technology, Katowice, Poland
THE COMPARISON OF MODELS FOR FOLLOW-UP HEADWAY AT ROUNDABOUTS

Irina Makarova, Anton Pashkevich, Ksenia Shubenkova
Kazan Federal University, Naberezhnye Chelny, Russia
Cracow University of Technology, Kraków, Poland
SAFE ROUTES AS ONE OF THE WAYS TO REDUCE THE NUMBER OF ROAD ACCIDENTS VICTIMS

Elżbieta Macioszek, Mateusz Czerniakowski
Silesian University of Technology, Katowice, Poland
ROAD TRAFFIC SAFETY RELATED CHANGES INTRODUCED IN T. KOŚCIEUSZKI AND KRÓLOWEJ JADWIGI STREETS IN DĄBROWA GÓRNICZA OVER THE YEARS 2006-2015

Waldemar Nowakowski, Tomasz Ciszewski, Jakub Młyńczak, Zbigniew Łukasik
Kazimierz Pułaski University of Technology and Humanities in Radom, Poland
Silesian University of Technology, Katowice, Poland
FAILURE EVALUATION OF THE LEVEL CROSSING PROTECTION SYSTEM BASED ON FAULT TREE ANALYSIS

Aleksander Król, Małgorzata Król
Silesian University of Technology, Katowice, Poland
IMPACT OF THE FACTORS DETERMINING THE NATURAL STACK EFFECT ON THE SAFETY CONDITIONS IN A ROAD TUNNEL

Delia Berenice Villarreal Chávez, Agata Kurek, Grzegorz Sierpiński, Jakub Jużyniec, Bartosz Kielc
University of Monterrey, Monterrey, Mexico
Silesian University of Technology, Katowice, Poland
REVIEW AND COMPARISON OF TRAFFIC CALMING SOLUTIONS – A CASE STUDY FOR MEXICO CITY AND KATOWICE

Hrvoje Pilko, Šime Šarić
University of Zagreb, Zagreb, Croatia
VEHICLE SPEED IMPACT ON THE DESIGN OF EFFICIENT URBAN SINGLE-LANE ROUNDABOUTS

Michał Juzek, Grzegorz Wojnar
Silesian University of Technology, Katowice, Poland
ANALYSIS OF SELECTED SOLUTIONS AND METHODS WHICH LIMIT THE UNEVEN LOAD DISTRIBUTION ON THE TOOTH WIDTH
POSTER SESSION 3.1 (TANGO+SALSA HALLS)  
LOGISTIC IN FREIGHT AND PASSENGER TRANSPORT

Chairman:

Marcin Wolek – University of Gdansk, Gdansk, Poland

10.00 – 11.15 - presentations
11.15 – 11.30 - discussion

Ilona Jacyna-Gołda, Mariusz Izdebski
Warsaw University of Technology, Warsaw, Poland
THE WAREHOUSE LOCATION PROBLEM IN THE CONTEXT OF VEHICLE ROUTING PROBLEM IN THE PRODUCTION COMPANIES

Paweł Leleń, Mariusz Wasiak
Warsaw University of Technology, Warsaw, Poland
OPTIMIZATION OF MULTIMODAL TRANSPORT TECHNOLOGIES SELECTION FOR PACKED NON CLIMACTERIC VEGETABLES AND FRUITS

Elżbieta Macioszek
Silesian University of Technology, Katowice, Poland
FIRST AND LAST MILE DELIVERY – PROBLEMS AND ISSUES

Daniel Kaszubowski
Gdańsk University of Technology, Gdańsk, Poland
URBAN FREIGHT TRANSPORT DEMAND MODELLING AND DATA AVAILABILITY CONSTRAINTS

Grzegorz Sierpiński
Silesian University of Technology, Katowice, Poland
OPEN STREET MAP AS A SOURCE OF INFORMATION FOR A FREIGHT TRANSPORT PLANNING SYSTEM

Andrzej Banachowicz, Adam Wolski
West Pomeranian University of Technology, Szczecin, Poland
Polish Naval Academy, Gdynia, Poland
METHODS OF POSITION ESTIMATION IN PARAMETRIC NAVIGATION

Jacek Chmielewski, Paulina Olenkowicz-Trempała
University of Technology and Life Sciences in Bydgoszcz, Poland
ANALYSIS OF SELECTED TYPES OF TRANSPORT BEHAVIOUR OF URBAN AND RURAL POPULATION IN THE LIGHT OF SURVEYS

Krzysztof Krawiec, Marcin Jacek Kłos
Silesian University of Technology, Katowice, Poland
PARAMETERS OF BUS LINES INFLUENCING THE ALLOCATION OF ELECTRIC BUSES TO THE TRANSPORT TASKS
POSTER SESSION 3.2 (SAMBA HALL)
MEASUREMENTS, DETECTION AND CONTROL IN TRANSPORT SYSTEMS

Chairman:

Anna Urbanek – University of Economics in Katowice, Katowice, Poland

10.00 – 11.15 - presentations
11.15 – 11.30 - discussion

Wiesław Pamuła
Silesian University of Technology, Katowice, Poland
VEHICLE SPEED SENSOR NODE FOR ITS

Zbigniew Czapla
Silesian University of Technology, Katowice, Poland
GRADIENT-BASED VEHICLE DETECTION USING A TWO-SEGMENT DETECTION FIELD

Marcin Staniek
Silesian University of Technology, Katowice, Poland
MEASURES FOR MATCHING STEREO IMAGES IN ROAD PAVEMENT DIAGNOSTICS

Krzysztof Malecki, Piotr Pietruszka
West Pomeranian University of Technology, Szczecin, Poland
COMPARATIVE ANALYSIS OF CHOSEN ADAPTIVE TRAFFIC CONTROL ALGORITHMS

Tomasz Szczuraszek, Radosław Klusek
University of Technology and Life Sciences in Bydgoszcz, Poland
MODELLING OF TRAFFIC HAZARDS AT URBAN INTERSECTIONS USING POTENTIAL COLLISION AREAS

Marianna Jacyna, Piotr Gołębiowski, Miroslaw Krześnikiak
Warsaw University of Technology, Warsaw, Poland
PKP CARGO S.A. Warsaw, Poland
SOME ASPECTS OF HEURISTIC ALGORITHMS AND THEIR APPLICATION IN DECISION SUPPORT TOOLS FOR FREIGHT RAILWAY TRAFFIC ORGANIZATION

Renata Żochowska, Grzegorz Karoń, Ryszard Janecki, Aleksander Sobota
Silesian University of Technology, Katowice, Poland
SELECTED ASPECTS OF THE METHODOLOGY OF TRAFFIC FLOWS SURVEYS AND MEASUREMENTS ON AN URBAN AGGLOMERATION SCALE WITH REGARD TO ITS PROJECTS

Renata Żochowska, Grzegorz Karoń, Aleksander Sobota, Ryszard Janecki
Silesian University of Technology, Katowice, Poland
University of Economics in Katowice, Katowice, Poland
SELECTED ASPECTS OF THE METHODOLOGY OF THE HOUSEHOLD INTERVIEW SURVEY ON AN URBAN AGGLOMERATION SCALE WITH REGARD TO ITS SERVICES
PANEL SESSION 3.3  (SAMBA+TANGO+ SALSA HALLS)

URBAN MOBILITY AND DECISION SUPPORT TOOLS FOR TRANSPORT SYSTEMS

Chairman:

Barbara Galińska – Łódź University of Technology, Łódź, Poland

12.30 – 14.15 - presentations
14.15 – 14.30 - discussion
14.30 – 15.00 Closing of the TSTP2017 Conference

12.30 – 12.45 Krzysztof Małecki
West Pomeranian University of Technology, Szczecin, Poland
THE ROUNDABOUT MICRO-SIMULATOR BASED ON THE CELLULAR AUTOMATON MODEL

12.45 – 13.00 Alica Kalašová, Jana Kupčuljaková, Simona Kubíková, Jozef Paľo
University of Žilina, Žilina, Slovakia
TRAFFIC TIME DELAY MODELLING ON THE INTERSECTION IN THE CITY OF MARTIN, USING SOFTWARE AIMSUN

13.00 – 13.15 Tomasz Szczuraszek, Damian Iwanowicz
University of Technology and Life Sciences in Bydgoszcz, Poland
THE IMPACT OF THE ANALYSIS PERIOD ON THE ESTIMATION ACCURACY OF QUEUE LENGTHS AT INTERSECTION INLETS WITH TRAFFIC LIGHTS

13.15 – 13.30 Ander Pijoan, Oihane Kamara-Esteban, Iraia Oribe-Garcia, Ainhoa Alonso-Vicario, Cruz E. Borges
DeustoTech – Deusto Foundation, University of Deusto, Bilbao, Spain
GTPLAT: GEOSIMULATION FOR ASSESSING THE APPLICATION OF INCENTIVES TO TRANSPORT PLANNING

13.30 – 13.45 Katarzyna Turoń, Piotr Czech, Michał Juzek
Silesian University of Technology, Katowice, Poland
THE IDEA OF WALKABLE CITY AS AN ALTERNATIVE WAY OF URBAN MOBILITY

13.45 – 14.00 Anna Urbanek
University of Economics in Katowice, Katowice, Poland
IMPLEMENTATION FACTORS OF AUTOMATED FARE COLLECTION SYSTEMS – CASE STUDY BASED ON SILESIAN PUBLIC SERVICES CARD EXAMPLE

14.00 – 14.15 Marcin Staniek
Silesian University of Technology, Katowice, Poland
ROAD INFRASTRUCTURE CONDITION ASSESSMENT AS ELEMENT OF ROAD TRAFFIC SAFETY – CONCEPT OF THE RCT SOLUTION IN THE S-MILESYS PLATFORM
RELATED TOPICS TO DISCUSS (PART II)

Ireneusz Celiński  
A FORGOTEN RAILWAY SOLUTION FOR THE LAST MILE PROBLEM

Ireneusz Celiński  
ROAD NETWORK DEMAND CALCULATIONS ERROR BASED ON DATA FROM TRIP PLANNER

Zbigniew Czapla  
QUALITY ESTIMATION FOR BINARY IMAGES OF VARIOUS TYPE VEHICLES

Damian Jędrusik, Piotr Czech, Aleksander Hornik, Piotr Gustof  
THERMAL STRESS ANALYSIS OCCURRING IN THE TIMING SYSTEMS OF THE CAR COMBUSTION ENGINE

Robert Kaluża, Piotr Czech, Piotr Folęga  
METHODS OF AUTOMATIC AND MANUAL CALIBRATION OF DIAGNOSTIC SYSTEM SENSORS

Karolina Kołdys, Piotr Czech, Jan Filipczyk  
GUIDELINES FOR THE CARRIAGE OF DANGEROUS MATERIALS – THEORY AND PRACTICE

Aleksander Król  
APPLICATION OF ARTIFICIAL IMMUNE SYSTEM TO DETERMINE THE LOCALIZATION OF LOGISTIC HUBS

Elżbieta Macioszek  
THE XXI CENTURY TRANSPORTATION CHALLENGES IN POLAND

Elżbieta Macioszek, Marcin Staniek, Grzegorz Sierpiński  
THE HUBS USED IN URBAN FREIGHT TRANSPORT – CLASSIFICATION AND DIVISION

Grzegorz Sierpiński, Elżbieta Macioszek, Marcin Staniek,  
ICT SERVICES AND SUSTAINABLE TRANSPORT DEVELOPMENT

Jerzy Sładkowski, Piotr Czech, Bogusław Łazarz, Tomasz Matyja  
METHODS FOR THE SELECTION OF GEARS AUTOMOTIVE GEARBOXES IN THE ECO-DRIVING ASPECT

Marcin Staniek, Grzegorz Sierpiński, Elżbieta Macioszek  
FUZZY LOGIC IN TRAFFIC CONTROL AS AN ELEMENT OF TRAFFIC CONGESTION REDUCE

Renata Żochowska  
DYNAMIC TRANSPORT MODEL AS A TOOL SUPPORTING THE PROCESS OF CHOOSING THE OPTIMAL VARIANT OF THE TRAFFIC ARRANGEMENT
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00</td>
<td>Opening (Samba+Tango+Salsa halls)</td>
<td>Panel session 2.1 and discussion (Tango+Salsa halls)</td>
<td>Poster session 3.1 (Tango+Salsa halls)</td>
</tr>
<tr>
<td>10:30</td>
<td>Invited lecture (Samba+Tango+Salsa halls)</td>
<td></td>
<td>Poster session 3.2 (Samba hall)</td>
</tr>
<tr>
<td>11:30</td>
<td>Coffee break (Foyer)</td>
<td>Coffee break (Foyer)</td>
<td>Coffee break (Foyer)</td>
</tr>
<tr>
<td>12:00</td>
<td>Coffee break (Foyer)</td>
<td>Poster session 2.2 (Tango+Salsa halls)</td>
<td>Panel session 3.3 and discussion (Samba+Tango+Salsa halls)</td>
</tr>
<tr>
<td>13:00</td>
<td>Poster session 2.3 (Samba hall)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:30</td>
<td>Lunch (Restaurant)</td>
<td>Lunch (Restaurant)</td>
<td>Closing (Samba+Tango+Salsa halls)</td>
</tr>
<tr>
<td>16:00</td>
<td>Plenary session 1.2 (Samba+Tango+Salsa halls)</td>
<td></td>
<td>Lunch (Restaurant)</td>
</tr>
<tr>
<td>18:00</td>
<td>Dinner (Restaurant)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TSTP2017 Conference Place: Novotel Katowice Centrum, Al. Roździeńskiego 16, 40-202 Katowice