



TACSIT-2015 Program



Thursday (14.05.15)

16.00 - Registration
19.30 - Welcome dinner

Friday (15.05.15)

8.30- 9.15 Breakfast, Registration
9.30- 9.45 Introduction and Welcoming Remarks
9.45- 11.00 Session 1
11.00- 11.30 Coffee break
11.30- 13.00 Session 2 and 4
13.15- 14.00 Lunch
14.15- 15.45 Session 3 and Workshop on Tempus-SEREIN project
15.45- 16.15 Coffee break
16.15- 17.30 Session 5
17.30- 18.00 Coffee break
18.00- 19.00 Session 6 and 7
19.30- Banquet

Saturday (16.05.15)

8.00- 8.45 Breakfast
9.00- 11.30 Excursion
12.00- 13.15 Closing ceremony
13.30- Departure

Session 1: Theoretical and Applied Computer Science

Vladimir Mukha, Maria Prischepchik: Properties Poisson flow caused finite-dimensional distributions of times of the events occurrences

Katerina Trifonova, Eline Hryshkashvili: Polar transformation of the iris for human biometric identification system

Dmitry Viattchenin, Stanislav Shyrai: Labeling procedure for results interpretation of heuristic possibilistic clustering of intuitionistic fuzzy data

Volodymyr Kardashuk, Oleksandra Ponomarchuk, Maxim Marinich: Mathematical model of temperature control subsystem for organochlorine waste utilization

Session 2: Decision Support, Knowledge Discovery, and Business Intelligence

Volodymyr Lifar, Oleksandr Ryazantsev, Waldemar Witt: Information technology for decision support in the technological risks management

Oleskii Oleksenko: Syntax-based multiontology discovery method

Lina Barbaruk: Multi-dimensional data analysis for accounting of raw, materials and wastes in industry

Larisa Shumova, Dasha Risuhina: Improving knowledge control subsystem LMS Moodle to assess the quality of the test material

Session 3: Computer Systems Security, Safety and Reliability

Yuri Skobtsov, Vadim Skobtsov: Construction of checking test for faults "induced delay" with many aggressors

Dmitry Ivanov: The development of computer-aided diagnosis system for digital circuits using evolutionary algorithms

Yan Kovalenko, Inna Skarha-Bandurova: Software and algorithmic solutions for static testing software components of safety-critical systems

Tamila Lavrovskaya, Serhiy Rassomahin: Construction of decoding methods based on simple rules of rounding

Yuri Mischenko, Viktoriya Kosenko, Konstantin Naidenov: Simulation of testability digital devices in Multisim environment

Session 4 Health Informatics. Computer Science & Information Technology in Healthcare

Yuri Prokopchuk: Connectome of intellectual environment

Inna Skarha-Bandurova, Tetyana Biloborodova: Using data mining techniques for the prenatal diagnosis of fetal abnormality

Maxim Nesterov: Implementation Business Intelligence for healthcare industry

Anastasiya Titarenko: Review of data mining algorithms in predicting breast cancer

Session 5 Information Technology in Industry, Transport, Energy, and Ecology

Serhiy Kondratov, Anna Krasilnikova, M. Al-Hamadani: Problems of computer simulating nitration of aromatic compounds

Mikhail Pustovetov: Computer modeling du/dt filter with variable frequency drive

Vladislav Shulyakov: The use of neuro-fuzzy modeling in the development of information management system for adaptive car suspension

Tetyana Dekina, Viktor Largin: Selection of equipment for vibration noise diagnostics

Olga Gritsenko, Viktor Largin: Selection a method for designing the system of automated packaging of subsystems on the lower levels the process control system

Session 6 Web systems and Networks technology

Anatoliy Berdnikov, Serhiy Veklich: A method for reducing the number of request for repetition in data channel

Taras Basyuk: Organization of web site during their popularization

Nikhil Jadhav, Anurag Boggavarapu, Kushal Bang, Akshay Gaikwad, Zarina Shaikh: Discovery and verification of neighbor position in ad hoc network

Marina Scherbakova, Egor Tatarchenko, Dmitry Timchenko: Application of web technologies in computer control systems

Session 7 Young scientists

Alexander Berezhnoy: Methods and algorithms for the identification of moving units

Albina Chernozhukova: An analysis of the principles of software development for travel agencies

Yuri Osheko, Pavlo Mostovyuk: Networks technology in industrial applications

Eugenia Myznikova, Margarita Demchenko: Study of web content mining techniques for academic search

Workshop on Tempus-SEREIN Project

Oleksandr Ryazantsev: Industrial control systems cyber security: Best practices and risk assessment

Inna Skarha-Bandurova: Security aspects of operators' teamwork. Group decision support techniques for critical infrastructure protection

Volodymyr Lifar, Maxim Nesterov: A practical security risk analysis: Cumulative risk assessment methods and tools

Yan Kovalenko: A cyber security risk assessment for the design of railway interlocking systems

Artem Velikzhanin: Application of Bayesian networks to assess the cyber security of I&C systems