

COMPSE 2018

Final program

9:00 - 9:30 REGISTRATION
9:30 -9:45 OPENING CEREMONY

SESSION 1

Chair: Valeriy Kharchenko

9:45-10.30

Keynote Speaker: Igor Litvinchev: *Packing Problems: Models and Solutions*

10:30-11:00 COFFEE BREAK

11.00-11.15 **Guenther Pernul**, Ludwig Englbrecht, Stefan Meier

Towards a Capability Maturity Model for Digital Forensic

11.15-11.30 **Roman Rodriguez –Aguilar**, Jose Antonio Marmolejo

Enveloping data analysis in the framework of the Mexican wholesale electric market

11.30-11.45 **Nguyen Ngoc Long**, Tam Nguyen Kieu, Nhu Nguyen Hong

Ton Duc Thang, Duc Le Thanh, Nguyen Thi, Phuong Loan, Miroslav Voznak

A Performance Analysis in AF Full Duplex Relay Selection Network

11.45-12.00 **Emi Yuda**, Yutaka Yoshida, Junichiro Hayano

Impacts of Sleeping Time during the Day on the Timing and Level of Basal Heart Rate: Anlaysis of ALLSTAR Big Data

12.00-13:00 LUNCH

SESSION 2

Chair: Pandian Vasant

13:00-13:45

Keynote Speaker: Song Xueguan: *A Robust hybrid surrogate model for Simulation-based design optimization*

13.45 :14:00 **Chris Siu Kei Leung**, Ying Kei Henry Lau

A Multi-objective Simulation-based Optimization Approach applied to Material Handling System

14:00-14:15 **Marko Niinimaki**, Peter Thanisch, KitichaiChanyalikit. Tony Nacional, Piriya Yaowapanee

Dataspace Management for Large Data Sets

14.15 pm - 14:30 **Alexey Vasilyev**, DmitryBudnikov, Alexey A. Vasilyev, Nelli , Gracheva

Effect of parameters and distribution of air in microwave-convective zone on energy intensity of dry

14:30 -14:45 **Dmitry Tikhomirov**, Alexey N. Vasilyev, Dmitry Budnikov, Alexey A.Vasilyev
Energy Saving Device for Microclimate Maintenance with Utilization of Low-Grade Heat

14:45-15:30 COFFEE BREAK

SESSION 3

Chair: Jose Antonio Marmolejo

15:00-15:45

Keynote Speaker: Pandian Vasant: *Artificial Intelligence Techniques and its Applications*

15.45 –16:00 **Sergei Shcheklein**, Valerii Pakhaluev, Andrei Matveev

Solar system with seasonal thermal energy storage Show

16:00-16:15 **Dimitri Budnikov**, Alexey Vasilyev, Dmitry Tikhomirov, Alexey A.Vasilye

Propagation of EMF in grain material of various densities

16:15-16:30 **Jose Antonio Marmolejo**, Magdiel Pérez-Lara, Jania Astrid, Tomás Eloy, Salais-Fierro

Vertical and horizontal integration systems in industry 4.0

16:30-17:00 **Valeriy Kharchenko**, Arseniy Sychev, Gulam Uzakov

Innovative Instruments for Extraction of Low-Grade Heat from Surface Watercourses for Heating Systems with Heat Pump

19:00

GALA DINNER