

April 28

ISMA University, Bld. 7

10:00 **Internet Conference**

Kazakhstan, Ukraine, Bulgaria, Belorussia

The Head of the Session Professor Victor Gopeyenko

12:00 **Discussion and section's concluding remarks**

12:30 **Conference summary and Decision making**

13:00 **Lunch**

18:30 **9th Festival "ISMA invites talents"**

At Riga Congress Hall (5 Kr. Valdemara Str., Riga)

**IT&M
2017**

ISMA Informācijas
sistēmu
ANNO 1994 menedžmeta
augstskola

**IT&M
2017**

**The 15th International
Scientific Conference
Information Technologies
and Management 2017**



IT&M 2017 Programme



**I Tomozov Str., Bld. 6,
LV-1019, Riga, Latvia
e-mail: isma@isma.lv
phone : +371 67100690
fax: +371 67241592
www.isma.lv**

Riga, Latvia

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13:30 Registration, Room 314

14:00 **Assoc. Professor Denis Dyackon, ISMA Rector**
Opening of the 15th International Conference
Information Technologies & Management 2017

14:10 **Professor Roman Dyackon, ISMA President**
Greetings to the Conference

PLENARY SESSION, Room 314

The Head of the Session Professor Victor Gopeyenko

14:15 **D Lukšaitė, J Lukšaitė, G Jurkševičiūtė**
SCALE_UP – an active learning cases modelling at
Kاوناس UAS

14:45 **V Slavyanska, V Dimitrova, K Stankova**
Stress Management in a Multi-Project Environment

15:15 **V Gopejenko, I Lemberski**
Asynchronous Full Adders Implementation: Case Study

15:45 **Coffee break**

**Section 1 NANO TECHNOLOGIES, COMPUTER MODELLING
AND INFORMATION TECHNOLOGIES, Room 313**

The Head of the Session Professor Alexander Mrochko

16:00 **EK Shidlovskaya** Theoretical modelling of nanodevices
in the frameworks of embedded molecular cluster
model

16:15 **O Lisovski, S Piskunov, Yu Zhukovskii, D Bocharov,
S Kenmoe, E Spohr** Modelling a TiO₂ nanotubular
surface within formalism of a constrained 2D structure

16:30 **J R Kalnins, R Narnickis** Simulation of a stochastic
predator-prey model with external fluctuations

16:45 **A Gopejenko, Yu F Zhukovskii, P V Vladimirov, EA Kotomin,
Yu Mastrikov, V A Borodin, A Möslang** *Ab initio* calculations
of Ti pair-wise interactions inside fcc-Fe lattice

17:00 **A Kiv, D Fuks, Yu Bondaruk, K Fedoseeva**
Mechanism of radiation-stimulated displacement of
n-p- junction in memory devices

17:15 **Yu Shunin, V Gopeyenko, St Bellucci, T Lobanova-Shunina,
N Burlutskaya** Heat conductivity process modelling in
one-dimensional atomic chains

17:30 **I Jefremova, A Mrochko**
Features of testing Mobile Applications

17:45 **A Pashko** Analysis of Methods of Simulation of the
fractional Brownian motion

18:00 **K Nechval, A Tharakath**
Developing of balancing tools for flight controls

18:15 **K Nechval**
Engine mount joints using shape factor in aircraft design

18:30 **A N Kovantsov** Application of theorems of elementary
geometry to construct graphs of some functions

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**Section 2 PROBLEM OF INNOVATIVE EDUCATION AND
DECISION MAKING, Room 314**

The Head of the Session Professor Ivars Linde

16:00 **M Mateeva Petrova** Analysis of integrated university
information systems

16:15 **R Kinderis, L Zobėlaitė** Expression of healthy lifestyle
components in student behaviour

16:30 **J Mnif** Classroom management problems at private
schools

16:45 **N Ardalina, M Ahmadejeva, J Mnif** The management
system improvement budgeted by the educational
institution under the unstable financial funding conditions

17:00 **I Linde** Problems in higher education teaching quality
measurement

17:15 **B Frolenoka, O Dukule** Personnel adaptation in the
workplace, the quality of working life and subjective
well-being

17:30 **E Kryukova, D Makeyeva** Integration of modern
business technology in a virtual learning environment
of the Russian professionals tourism industry

17:45 **O Verdenhofs** Problems of improving of regulation
mechanisms of educational market

**Section 3 DEVELOPMENT OF BUSINESS ADMINISTRATION AND
DECISION MAKING, Room 217**

*The Head of the Session Professor Marga Zhivitere and
Professor Victoria Riashchenko*

16:00 **J Korjuhina, O Sorokin** Developing marketing strategy
for Ramada encore Kiev

16:15 **Y Ignatenko, J Shumak** Prospects of creation of
regional innovation cluster

16:30 **D Zakharov, I Spica** Main trends for the further development
of e-money and digital currencies legislation

16:45 **Yu Trofimova, M Zhivitere** Slowdown of the
development speed in the construction industry:
problems and their solutions

17:00 **E Sventitskaya, Yu Kochetkov** The instability of taxation
policy in Latvia as a deterrent to the successful
development of micro business

17:15 **K Liepina, J Dehtjare**
Quest room industry: key characteristics and trends

17:30 **M Yelubayeva, G Kabduyeva, M Zhivitere**
Process-oriented approach in a quality management
of medical services

17:45 **T Uteubayev** Labour migration and remittances:
strategy for survival or development

18:00 **V Djakona** Importance of scientific and practical tools
in managing the components of intellectual capital
of an enterprise

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18:15 **A Domanov** Modelling of electors' decision making
with the help of computer cognitive architecture

18:30 **V Riashchenko**
Key trends in the development of business education

18:45 **V Riashchenko, Zh Kleschevnikova, M Bezpartochnyi,
R Seifullajevs, L Kalyta** Marketing in social
entrepreneurship

19:00 **I Spica, B Berzina, E Spics** The methodology for
quantitative evaluation of academic staff with
Doctors degree

19:15 **D Blat**
Development of new resources for guides and tourists

**Section 4 MANAGEMENT TECHNOLOGIES AND
ORGANISATIONAL GROWTH, Room 316**

*The Head of the Session Professor Rostislav Kopitov and
Olga Kamforina*

16:00 **Zh Mikrjukova** Innovators in management: position
of growth and decline of organization

16:15 **A Kalyagin** Determination of product safety criterion

16:30 **D Bukas** Dynamics and controllability dilemma in
business organizations

16:45 **A Kondratenko** The problems of innovations and
investments in business projects

17:00 **G Akimov** Diagnostics of management technologies
in the context of business organization

17:15 **J Sidorova** Technology advancement venture into
a new market

17:30 **V Shirayayev**
The advantages of legal process outsource (LPO)

17:45 **D Kelsina** Assessment of multiple actor loyalty

18:00 **D El-Haže, I Ivanova, R Kopitov** Specifics of open
systems and feature of the organization of their
functioning

18:15 **Coffee Break**

18:30 **O Kamforina** Classification of factors that affect loss
of sustainability in organization

18:45 **S Miscenko** The practical importance of the science
of management through the works of the famous
investigators in this field

19:00 **A Amangeldiyev**
Problem management and business-projects analysis

19:15 **N Kopitova**
Integration of diverse planning and control means

19:30 **S Zozule** The role of CFO from the position of an
independent business partner

19:45 **A Tretyakov** Threat factors as symptoms of enterprise
development

20:00 **R Kopitov** Managing a process of growth of an
organisation