

ORGANIZERS

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

IEEE TECHNOLOGY AND ENGINEERING MANAGEMENT SOCIETY (TEMS) CHAPTER OF THE IEEE AUSTRIA SECTION

IRIS ASSOCIATION (INSTITUTE OF RADIO AND INFORMATION SYSTEMS, VIENNA, AUSTRIA)



2020 INTERNATIONAL CONFERENCE «ENGINEERING MANAGEMENT OF COMMUNICATION AND TECHNOLOGY» (EMCTECH)

IEEE Conference Record #49634

Vienna, Austria (Springer Schloessl)

October 20 – 22, 2020

CONFERENCE PROGRAM



Planned conference venue – Springer Schloessl Seminarhotel

Photo by organizers

The program is generated automatically from the article submission form

**For inclusion in the publication program, an article must be online oral presented
by one of the co-authors
(reports assigned for sections in alphabetical order by first author)**

**All participants must take part in the plenary session
(October 20, Tuesday, 9⁰⁰ ... 10⁴⁰)
Indicated Vienna, Central European Summer Time (CEST), UTC +2**

October 19 (Monday)

**18⁰⁰ ... 20⁰⁰
PRE PARTY**

Conference participants will be able to test the connection, software, hardware
(sound, video, screen sharing) and get to know each other

October 20 (Tuesday)

**8⁴⁰ ... 9⁰⁰
CONNECTION AND REGISTRATION**

Please use your real first and last name.
Pseudonymous (Nickname) participants will not be admitted to the conference.
Conference participants can invite their colleagues and students as listeners.

**9⁰⁰ ... 9⁰⁵
WELCOME SPEECH BY PROGRAM COMMITTEE CHAIRMAN**

Prof. Dr. Oleg Varlamov, *Chairman of "Institute of Radio and Information Systems" (IRIS)
Association*

**9⁰⁵ ... 9⁵⁰
KEYNOTE TALK FROM THE "HOSTING COUNTRY"
THE AUSTRIAN INNOVATION ECOSYSTEM OF THE PILOT FACTORIES
Prof. Dr. Michael Heiss, *Siemens AG Austria***

INVITED PAPERS

**9⁵⁰ ... 10¹⁵
ROLE OF INTERACTIVE SPACE IN SOCIAL RELATIONSHOPS THROUGH
ACTOR-NETWORK THEORY
Kristina Boychenko, Fred Fialho Teixeira, *The University of Queensland, Brisbane, Australia;*
Tatiana Kuzovkova, Irina Boychenko, *Moscow Technical University of Communication and
Informatics, Moscow, Russia***

**10¹⁵ ... 10⁴⁰
PROVISION OF IOT SERVICES FOR CO-LOCATED 4G/5G NETWORKS
UTILISATION WITH DYNAMIC FREQUENCY SHARING
Valery Tikhvinsky, Evgeny Devyatkin, *FSUE NIIR, Moscow, Russia;*
Altai Aitmagambetov, Aigul Kulakaeva, *IITU, Kazakhstan***

**10⁴⁰ ... 11⁰⁰
COFFEE BREAK**

11⁰⁰ ... 11³⁰

CHAPTER 1

TECHNOLOGY ADVANCEMENTS IN IOT DEVICES

Section chair: Valery Tikhvinskiy, Deputy General Director of JSC "National Research Institute of Technologies and Communications" (NIITC), Doctor of Economics Sciences (2003), Ph.D. Degree in Radio engineering (1988), Professor of Plekhanov University of Economics (2013)

11 ⁰⁰ ... 11 ¹⁵	FEATURES OF WIRELESS CHARGING OF MOBILE AND WEARABLE DEVICES FOR THE IOT AND CYBER PHYSICAL SYSTEMS Andrey A. Yelizarov, Igor V. Nazarov, Andrey A. Skuridin, Svyatoslav I. Yakimenko, Dariya M. Ikonnikova, National Research University "Higher School of Economics", Moscow, Russia
11 ¹⁵ ... 11 ³⁰	"DIGITAL SMART AIRPORT" SYSTEM BASED ON INNOVATIVE NAVIGATION AND INFORMATION TECHNOLOGIES Svetlana V. Khadonova, Alexander V. Ufimtsev, ST Technology LLC, Moscow, Russia Svetlana S. Dymkova, Moscow Technical University of Communications and Informatics, Moscow, Russia

11³⁰ ... 13⁰⁰

CHAPTER 2

TECHNOLOGY ADVANCEMENTS IN ARTIFICIAL INTELLIGENCE

Section chair: Liliya Voronova, Doctor of Physical and Mathematical Sciences, Professor, Head of the Department of Intelligent Systems in Management and Automation, MTUCI

11 ³⁰ ... 11 ⁴⁵	INTELLIGENT LOCATION OF A MULTI-BEAM IONOSPHERIC WAVE BY ISOLATING THE POLARIZATION CHARACTERISTICS OF PARTIAL CHANNELS Sergej S. Adzhemov, Nikita V. Belov, Vladimir N. Repinskij, Ivan A. Shmelev, Moscow Technical University of Communication and Informatics, Moscow, Russia
11 ⁴⁵ ... 12 ⁰⁰	DESIGNING SOFT-HARDWARE COMPLEX FOR GESTURE LANGUAGE RECOGNITION USING NEURAL NETWORK METHODS Mikhail Artemov, Lilia Voronova, Andrey Vovik, Moscow Technical University of Communications and Informatics, Moscow, Russia
12 ⁰⁰ ... 12 ¹⁵	ANALYSIS AND SELECTION OF NEURAL NETWORK ARCHITECTURES FOR RECOGNIZING HEART DISEASES BY CARDIOGRAM Veronika R. Brus, Lilia I. Voronova, Moscow Technical University of Communication and Informatics, Moscow, Russia

12¹⁵ ... 12³⁰	INTELLIGENT ANALYSIS OF TECHNICAL SUPPORT REQUESTS IN SERVICE DESK TICKETING SYSTEMS <i>Alina A. Gorbunova, Artem S. Trunov, Vyacheslav I. Voronov, Moscow Technical University of Communication and Informatics, Moscow, Russia</i>
12³⁰ ... 12⁴⁵	DESIGNING A SUBSYSTEM FOR CLASSIFYING THE SUBJECT OF A NEWS ARTICLE IN A MODEL FOR FORMALIZING UNSTRUCTURED TEXT INFORMATION BASED ON WORD EMBEDDING <i>Aleksandr D. Triapitsyn, Aleksandr I. Larin, Moscow Technical University of Communication and Informatics, Moscow, Russia</i>
12⁴⁵ ... 13⁰⁰	DESIGNING A SUBSYSTEM FOR CREATING A THREE-DIMENSIONAL MODEL OF AN ORTHOPEDIC INSOLE BASED ON DATA FROM A LASER 3D SCANNING OF THE PATIENT'S FEET <i>Vyacheslav Voronov, Petr Dovgolevskiy, Moscow Technical University of Communication and Informatics, Moscow, Russian Federation</i>

13⁰⁰ ... 14¹⁵

SUBSECTION 2.1

PHILOSOPHY OF ARTIFICIAL INTELLIGENCE – MAN IN INTELLIGENT COMMUNICATION SYSTEMS

Subsection chair: Elena Korableva, Doctor of Philosophy, Head of the Department of Philosophy, History and Intercultural Communications, MTUCI

13¹⁰ ... 13¹⁵	COGNITIVE MAN-MACHINE COMMUNICATIONS IN THE TRAINING OF SPECIALISTS FOR THE DIGITAL ECONOMY <i>Natalia V. Apatova, Oleg L. Korolyov, V.I. Vernadsky Crimean Federal University, Simferopol</i> <i>Marina V. Masalskaya, Irina O. Yablochnikova, Academy of the Federal penitentiary service of Russia, Ryazan, Russia</i>
13¹⁵ ... 13³⁰	ENGINEERING MANAGEMENT: PROBLEMS AND HUMANITARIAN RISKS <i>Elena Korableva, Moscow Technical University of Communications and Informatics, Moscow, Russia</i>
13³⁰ ... 13⁴⁵	UNIVERSITY OF EXCELLENCE: WHAT HAS CHANGED FOR TEACHERS <i>Evgeny V. Kunts, Moscow Technical University of Communications and Informatics, Moscow, Russia</i>

13⁴⁵ ... 14⁰⁰	TECHNOLOGIES OF ARTIFICIAL INTELLIGENCE IN EDUCATIONAL MANAGEMENT Natalya N. Pluzhnikova , <i>Moscow Technical University of Communications and Informatics, Moscow, Russia</i>
14⁰⁰ ... 14¹⁵	HUMAN IDENTIFICATION METAMORPHOSES IN VIRTUAL SPACE Dmitry Zarov, Irina Steklova, Irina Abrosimova, Yuri Gagarin State Technical University of Saratov, Saratov, Russian Federation Galina Epifanova , <i>Museum of Russian culture in San Francisco, San Francisco, USA</i>

14¹⁵ ... 14³⁰
COFFEE BREAK

14³⁰ ... 15⁴⁵
CHAPTER 3

TRANSPORT AND COLLECTIVE SYSTEMS: SMART CONTROL TECHNOLOGY IN TRANSPORTATION, BIOMEDICAL, FARMING AND CYBER PHYSICAL SYSTEMS
(new opportunities using technology in biomedical, farming, transportation, and cyber physical systems)

Section chair: Marina Yashina, Doctor of Technical Sciences, Professor, Head of the Department of Higher Mathematics, Moscow Automobile and Road Construction State Technical University (MADI)

14³⁰ ... 14⁴⁵	STOCHASTIC ESTIMATION OF ON-TIME MESSAGE DELIVERY IN A PACKET-SWITCHED NETWORK WITH MESSAGES OF DIFFERENT PRIORITIES Marcelo Sampaio de Alencar , <i>Titular da UFCG e da UFBA, Salvador, Republic of Brasil</i> ; Alexander G. Tatashev, Marina V. Yashina , <i>Moscow Automobile and Road Construction State Technical University, Moscow, Russia</i>
14⁴⁵ ... 15⁰⁰	ATTENTION DRIVER EVALUATION IN COLLECTIVE TRAFFIC BEHAVIOR VIA GAMING TECHNOLOGY Anastasia S. Dotkulova, Marina V. Yashina, Yuriy V. Trofimenko, Alexander G. Tatashev . <i>Moscow Automobile and Road Construction State Technical University, Moscow, Russia</i>
15⁰⁰ ... 15¹⁵	ON METHODS FOR RECOGNIZING UNSTRUCTURED ROAD MAINTENANCE OBJECTS USING DEEP LEARNING ALGORITHMS Mikhail Gorodnichev, Marina Moseva, Khizar Dzhabrailov , <i>Moscow Technical University of Communication and Informatics, Moscow, Russia</i> Rinat Gematudinov , <i>Moscow Automobile and Road Construction State Technical University, Moscow, Russia</i>

<p>15¹⁵ ... 15³⁰</p>	<p>SUPERCOMPUTER TECHNOLOGY FOR TRAFFIC SIMULATION IN A METROPOLIS Marina A. Trapeznikova, Natalia G. Churbanova, <i>Keldysh Institute of Applied Mathematics RAS; Moscow State Automobile and Road Construction Technical University, Moscow, Russia</i> Antonina A. Chechina, Alexey V. Ermakov, Mikhail S. German, <i>Keldysh Institute of Applied Mathematics RAS, Moscow, Russia</i></p>
<p>15³⁰ ... 15⁴⁵</p>	<p>OPTIMIZATION OF REGULATION PARAMETERS FOR TRAFFIC SCENARIO WITH DEDICATED PUBLIC TRANSPORT LANE Marina V. Yashina, Alexander G. Tatashev, Pavel I. Pospelov, Nikolai P. Susoev, <i>Moscow Automobile and Road Construction State Technical University, Moscow, Russia</i></p>

15⁴⁵ ... 16⁴⁵

SUBSECTION 3.1

TECHNOLOGY ADVANCEMENTS IN CREATING SUSTAINABLE ENGINES

Subsection chair: Vladimir V. Sinyavski, Ph.D. (Moscow Automobile and Road Construction State Technical University, 1987), assistant professor of the Department of Heat Engineering and Automotive Engines, MADI

<p>15⁴⁵ ... 16⁰⁰</p>	<p>COMPUTATIONAL STUDY OF THE EFFECT OF INCREASING THE FUEL INJECTION PRESSURE UP TO 3000 BAR ON THE PERFORMANCE OF THE DIESEL ENGINE AND ITS GASEOUS EMISSIONS Andrey Yu. Dunin, Nguyen Thin Quynh, Leonid N. Golubkov, <i>Moscow Automobile and Road Construction State Technical University (MADI), Moscow, Russia</i></p>
<p>16⁰⁰ ... 16¹⁵</p>	<p>OPPORTUNITY ANALYSIS OF SIGNAL MANAGEMENT FOR ORGANIZATION OF BOOT-SHAPED FUEL INJECTION WITHOUT MODIFYING DESIGN OF CRI INJECTOR Mikhail G. Shatrov, Andrey Yu. Dunin, Leonid N. Golubkov, <i>Moscow Automobile and Road Construction State Technical University (MADI), Moscow, Russia</i> Pavel V. Dushkin, Andrey L. Yakovenko, <i>Ishlinsky Institute for Problems in Mechanics RAS, Moscow, Russia</i></p>

16¹⁵ ... 16³⁰	A ZERO-DIMENSIONAL MODEL FOR INTERNAL COMBUSTION ENGINE SIMULATION AND SOME MODELING RESULTS Vladimir V. Sinyavski, Mikhail G. Shatrov, Andrey Y. Dunin, Ivan G. Shishlov, Andrey V. Vakulenko, Moscow Automobile and Road Construction State Technical University (MADI), Moscow, Russia
16³⁰ ... 16⁴⁵	THE USE OF 3D PARAMETRIC MODELING FOR INTERNAL COMBUSTION ENGINE DESIGN AUTOMATION Andrey L. Yakovenko, Mikhail G. Shatrov, Igor V. Alekseev, Sergey N. Bogdanov, Aleksandr A. Predein, Moscow Automobile and Road Construction State Technical University (MADI), Moscow, Russia

16⁴⁵ ... 17³⁰

SUBSECTION 3.2

SMART HIGHWAY MAINTENANCE: ADVANCED TECHNOLOGY OF CONTROL AND DESIGN

Subsection chair: **Marcelo Sampaio de Alencar, Ph.D. (University of Waterloo, Canada, 1993), IEEE Senior Member, Chair Professor at the Department of Electrical Engineering, Federal University of Campina Grande, Republic of Brasil**

16⁴⁵ ... 17⁰⁰	ON THE TASK OF RECOGNIZING ROAD INFRASTRUCTURE ON DEVICES WITH LOW COMPUTING POWER Marina Moseva, Mikhail Gorodnichev, Moscow Technical University of Communications and Informatics, Moscow, Russia Rinat Gematudinov, Moscow Automobile and Road Construction State Technical University, Moscow, Russia Khizar Dzhabrailov, Moscow Technical University of Communication and Informatics, Moscow, Russia
17⁰⁰ ... 17¹⁵	THE CRYOLITHOZONE TRANSPORT INFRASTRUCTURE FACILITY FUNCTIONALITY FORECASTING TECHNOLOGY Elena V. Shashina, Anatolii N. Yakubovich, Yuri V. Trofimenko, Irina A. Yakubovich, Moscow Automobile and Road Construction State Technical University (MADI), Moscow, Russia
17¹⁵ ... 17³⁰	FEATURES OF THE CHANGING NATURE OF URBAN MOBILITY Mikhail R. Yakimov, Moscow automobile and road construction state technical university (MADI), Moscow, Russia

October 21 (Wednesday)

8⁴⁰ ... 9⁰⁰

CONNECTION AND REGISTRATION

Please use your real first and last name.

Pseudonymous (Nickname) participants will not be admitted to the conference.

Conference participants can invite their colleagues and students as listeners.

9⁰⁰ ... 9⁴⁵

CHAPTER 4

BROADCAST TECHNOLOGIES ADVANCEMENTS – RADIO, IP, CELLULAR, ON DEMAND, INTERACTIVE

Section chair: Oleg Varlamov, Chairman of "Institute of Radio and Information Systems" (IRIS) Association, Doctor of Technical Science (2017), Ph.D. Degree in Radio engineering (1993)

9 ⁰⁰ ... 9 ¹⁵	PROBLEMS OF EXPLOITATION OF THE DVB-T2 TRANSMITTERS STANDARD IN RUSSIA <i>Vladimir L. Karyakin, Volga region state university of telecommunications and informatics, Samara, Russia</i>
9 ¹⁵ ... 9 ³⁰	ANALYSIS OF MOVING RADIO ELECTRONIC MEASURING INSTRUMENTS CHARACTERISTICS <i>Andrey A. Nemykin, Elena P. Stroganova, Moscow Technical University of Communications and Informatics, Moscow, Russia</i>
9 ³⁰ ... 9 ⁴⁵	EXPERIMENTAL STUDY OF A SYNCHRONOUS DVB-T2 NETWORK IN THE YAROSLAVL REGION. PROBLEMS WITH SOME MANUFACTURERS' RECEIVERS <i>Oleg V. Varlamov, Moscow Technical University of Communications and Informatics, Moscow, Russia</i>

9⁴⁵ ... 10³⁰

CHAPTER 5

**TECHNOLOGY ADVANCEMENTS IN WIRE
AND OPTICAL COMMUNICATION AND CONTROL SYSTEMS**

Section chair: Bayram Ibrahimov, Professor (2007), Doctor of Technical Sciences (2003), Senior Science Researcher Degree in Telecommunication Networks and Teletraffic (1990, Ph.D.), Professor of Azerbaijan Technical University (AzTU)

9⁴⁵ ... 10⁰⁰	REPRESENTATION OF ALGORITHMS FOR SCHEMATIC SYNTHESIS OF RADIO ENGINEERING DEVICES IN THE KNOWLEDGE BASE OF THE EXPERT SYSTEM Georgy A. Dolin, Anastasiya Y. Kudryashova, Valeriy V. Frisk, Viktor N. Shakin, Moscow Technical University of Communications and Informatics, Moscow, Russia
10⁰⁰ ... 10¹⁵	RESEARCH AND ANALYSIS INDICATORS OPTICAL TELECOMMUNICATION NETWORKS BASED ON POM, WDM AND DWDM TECHNOLOGY Bayram G. Ibrahimov, Mehman H. Hasanov, Azerbaijan Technical University, Baku, Azerbaijan
10¹⁵ ... 10³⁰	SCHEDULE TIME-TRIGGERED ETHERNET Kirill Nikishin, Nicolas Konnov, Department of Computer Engineering, Penza State University, Penza, Russia

10³⁰ ... 12¹⁵

CHAPTER 6

**INFORMATION PROCESS MANAGEMENT
IN DIGITAL SOCIETY AND INDUSTRY 4.0**

Section chair: Petr Doucek, Professor, head of the Department of Systems Analysis, Vice-dean Faculty of Informatics and Statistics University of Economics, Prague; Prague, Czech Republic

10³⁰ ... 10⁴⁵	HOW THE MODERN HUMAN RESOURCES MANAGEMENT CAN TAKE ADVANTAGE OF INFORMATION FROM SOCIAL MEDIA NETWORKS WHILE RECRUITING Lucie Bohmová, Antonín Pavlíček, University of Economics, Prague, CZ
10⁴⁵ ... 11⁰⁰	INFORMATION SECURITY THE GLORY AND PENURY OF SMES IN THE CZECH AND THE SLOVAK REPUBLICS Petr Doucek, Lea Nedomova, Ladislav Luc, Ludek Novak, University of Economics, Prague, Česko

11⁰⁰ ... 11¹⁵	IDENTIFYING AND IMPLEMENTING SUCCESSFUL SCIENTIFIC PROJECTS, IN THE FRAMEWORK OF “IEEE TECHNOLOGY AND ENGINEERING MANAGEMENT SOCIETY” EVENTS <i>Svetlana S. Dymkova, Moscow Technical University of Communications and Informatics, Moscow, Russia</i>
11¹⁵ ... 11³⁰	MODELING INTERNET BUSINESS OPTIMIZATION PROCESSES <i>Mikhail I. Kuptsov, Ryazan State Radio and Technical University, Ryazan, Russia</i> <i>Sergey L. Yablochnikov, Moscow Technical University of Communications and Informatics Moscow, Russia</i> <i>Irina O. Yablochnikova, Russian New University (RosNOU), Moscow, Russia</i> <i>Valentina B. Dzobelova, North-Ossetian State University named after Kosta Levanovich Khetagurov, Vladikavkaz, Russia</i> <i>Valery I. Mineev, Volga State University of Water Transport, Nizhny Novgorod, Russia</i>
11³⁰ ... 11⁴⁵	INFORMATION AND PROCESS MANAGEMENT OF SUCCESSFUL YOUTUBE CHANNELS <i>Antonin Pavlicek, University of Economics, Prague, Česko</i>
11⁴⁵ ... 12⁰⁰	MANAGING INFORMATION FLOWS FROM COMPANIES TO CUSTOMERS <i>Jana Syrovátková, Antonin Pavlicek, University of Economics, Prague, Czech Republic</i>
12⁰⁰ ... 12¹⁵	INFORMATION ASPECTS IN THE FIELD OF MODERN PUBLIC ADMINISTRATION AND LAW <i>Sergey L. Yablochnikov, Moscow Technical University of Communications and Informatics, Moscow, Russia</i> <i>Maxim N. Mahiboroda, Academy of law and management of the Federal penitentiary service of Russia, Ryazan, Russia</i> <i>Olga V. Pochekaeva, Volga State University of Water Transport, Nizhny Novgorod, Russia</i>

12¹⁵ ... 12³⁰
COFFEE BREAK

12³⁰ ... 14³⁰
CHAPTER 7

DIGITAL TRANSFORMATION AND DATA RISK MANAGEMENT IN ICT/TELECOMMUNICATION

Section chair: Vladimir Dokuchaev, Professor (2001), Doctor of Technical Sciences (1999), Senior Science Researcher Degree in Telecommunication Networks and Teletraffic (1992), Ph.D. Degree (1990). Head of the Department "Networks Information Technologies and Services", MTUCI

12³⁰ ... 12⁴⁵	DIGITAL TRANSFORMATION: NEW DRIVERS AND NEW RISKS <i>Vladimir A. Dokuchaev, Moscow Technical University of Communications and Informatics, Moscow, Russia</i>
--	---

12⁴⁵ ... 13⁰⁰	CLUSTER MODEL FOR EDGE COMPUTING Denis V. Gadasin, Andrey V. Shvedov, Anastasia V. Koltsova, <i>Moscow Technical University of Communication and Informatics, Moscow, Russia</i>
13⁰⁰ ... 13¹⁵	HARDWARE-SOFTWARE COMPLEX FOR ANALYZING WIRELESS NETWORKS USING SPREAD-SPECTRUM SIGNALS Eugene Gurin, Stanislav Tumasov, <i>Penza State University, Penza, Russia</i>
13¹⁵ ... 13³⁰	RISKS IDENTIFICATION IN THE EXPLOITATION OF A GEOGRAPHICALLY DISTRIBUTED CLOUD INFRASTRUCTURE FOR STORING PERSONAL DATA Victoria V. Maklachkova, Vladimir A. Dokuchaev, <i>Moscow Technical University of Communication and Informatics, Moscow, Russia</i> Vyacheslav Yu. Statev, <i>Transport Safety Fund, Moscow, Russia</i>
13³⁰ ... 13⁴⁵	METHODS FOR IMPROVING THE EFFICIENCY OF INFORMATION AND COMMUNICATION NETWORKS Andrey V. Shvedov, Mirzohuseyn J. Nazarov, <i>Moscow Technical University of Communication and Informatics, Moscow, Russia</i>
13⁴⁵ ... 14⁰⁰	DETERMINING CLUSTER DISTANCE WHEN DESIGNING HIGH – DENSITY WI-FI Ilya S. Vakurin, Denis V. Gadasin, <i>Moscow Technical University of Communication and Informatics Moscow Russian Federation</i>
14⁰⁰ ... 14¹⁵	METROLOGY MODEL OF MEASURING CHANNEL IN MULTI-CHANNEL DATA-MEASUREMENT SYSTEM Nikolay K. Yurkov, Alexey A. Proshin, Nikolay V. Goryachev, Alexey K. Grishko, <i>Penza state university, Penza, Russia</i>
14¹⁵ ... 14³⁰	DYNAMIC TOPOLOGY TRANSFORMATION OF CLOUD-NETWORK COMPUTER SYSTEMS: CONCEPTUAL LEVEL Sergey Zinkin, Vladimir I. Volchihin, <i>Penza State University, Penza, Russia</i> Mustafa Sadeq Jaafar, <i>Bharati Vidyapeeth Deemed University, Pune, India</i> Nadezhda S. Karamysheva, <i>Penza State University, Penza, Russia</i>

14³⁰ ... 14⁴⁵
COFFEE BREAK

14⁴⁵ ... 15³⁰

CHAPTER 9

**DEVELOPING PERSONAL SKILLS
FOR LEADING INNOVATION INITIATIVES**

SUBSECTION 9.1

**TEACHING MODERN TECHNICAL ENGLISH
IN TELECOMMUNICATION UNIVERSITIES**

*Subsection chair: Tatiana Kozhevnikova, PhD in Pedagogic Sciences, Associate Professor,
Head of the Department of Foreign Languages, MTUCI*

14 ⁴⁵ ... 15 ⁰⁰	DISTANCE EDUCATION IN THE COMMENTS OF STUDENTS OF RUSSIAN STATE UNIVERSITY FOR THE HUMANITIES (RSUH) <i>Tatiana Bychkova, Russian State University for the Humanities, Moscow, Russia</i>
15 ⁰⁰ ... 15 ¹⁵	FOREIGN LANGUAGE TEXTBOOK FOR NON-LINGUISTICS UNIVERSITY IN THE INTERACTIVE MEDIUM <i>Tatiana V. Kozhevnikova, Moscow technical University of communications and informatics, Moscow, Russia</i>
15 ¹⁵ ... 15 ³⁰	APPLYING DIGITAL TECHNOLOGIES TO TEACHING ORAL REFERENCING IN A NON-LINGUISTICS UNIVERSITY <i>Tamara N. Mashenskaya, Tatiana V. Kozhevnikova, Moscow technical University of communications and informatics, Moscow, Russia</i>

15³⁰ ... 17⁰⁰

CHAPTER 10

**LEADING SOCIETAL CHANGE, E.G., SMART CITIES,
PUBLIC POLICY AND, INTERACTIVE**

*Section chair: Elena V. Brodovskaya, Doctor of Political Science, Professor at Financial
University under the Government of Russian Federation; Head of Chair for Social-Political Study
and Technologies, Institute for History and Politics at Moscow Pedagogical State University*

15 ³⁰ ... 15 ⁴⁵	THE EFFECTS OF OPINION LEADER RADICALIZATION UNDER DIFFERENT USER TOLERANCE LEVELS: SIMULATING POLITICAL COMMUNICATIONS ON TWITTER <i>Andrei Akhremenko, Ilya Filippov, Egor Yureskul, National Research University Higher School of Economics, Moscow, Russia</i>
---------------------------------------	--

15 ⁴⁵ ... 16 ⁰⁰	<p>MODELING THE ENVIRONMENTAL SITUATION IN A SMART CITY</p> <p>Grigorii Artamonov, <i>Federal Service for Veterinary and Phytosanitary Surveillance, Moscow, Russia</i></p> <p>Vladimir Gutnikov, <i>Federal State Budgetary Institution «Central Scientific Design Institute of the Ministry of Construction and Housing and Communal Services of the Russian Federation», Moscow, Russia</i></p> <p>Viktoria Erofeeva, <i>Moscow Technical University of Communications and Informatics; RUDN University, Moscow, Russia</i></p> <p>Sergei Yablochnikov, <i>Moscow Technical University of Communications and Informatics, Moscow, Russia</i></p>
16 ⁰⁰ ... 16 ¹⁵	<p>REPRESENTATION OF EXPERT OPINION IN MODERN PR TECHNOLOGIES AS A WAY OF SOCIAL MANAGEMENT</p> <p>Yaroslavna S. Artamonova, Aleksandr V. Brega, <i>Moscow Technical University of Communications and Informatics, Moscow, Russia</i></p> <p>Valeriia I. Semenova, <i>Moscow Economic Institute, Moscow, Russia</i></p>
16 ¹⁵ ... 16 ³⁰	<p>DYSFUNCTIONS OF THE POLITICAL PARTIES INTERNET CONTENT MANAGEMENT</p> <p>Elena V. Brodovskaya, Anna Yu. Dombrovskaya, <i>Financial University under the Government of Russian Federation, Moscow, Russia</i></p>
16 ³⁰ ... 16 ⁴⁵	<p>PR AND GR TECHNOLOGIES AS A TOOL FOR ENSURING THE SAFETY OF ACTORS AND TRUST IN THE STATE IN EMERGENCY SITUATIONS</p> <p>Ekaterina N. Vasilyeva, <i>Volgograd State University, Volgograd, Russia</i></p> <p>Yaroslavna S. Artamonova, Pavel E. Zenov, <i>Moscow Technical University of Communications and Informatics, Moscow, Russia</i></p> <p>Galina V. Brega, <i>Financial University under the Government of the Russian Federation, Moscow, Russia</i></p>
16 ⁴⁵ ... 17 ⁰⁰	<p>DIGITAL SOCIO-POLITICAL COMMUNICATION AND ITS TRANSFORMATION IN THE TECHNOLOGICAL EVOLUTION OF ARTIFICIAL INTELLIGENCE AND NEURAL NETWORK ALGORITHMS</p> <p>Sergey V. Volodenkov, <i>Lomonosov Moscow State University, Moscow, Russia</i></p>

17⁰⁰ ... 17³⁰

SUMMING UP THE RESULTS OF THE CONFERENCE

Selection of the best reports by nominations

- The best report in the nomination "YOUNG SCIENTISTS"
(undergraduate or graduate students without a supervisor)
- The best report in the category "WOMEN IN ENGINEERING"
- The best report in the category "TECHNOLOGIES OF THE FUTURE"
- The best report in the category "MANAGEMENT IN ENGINEERING"



Planned conference venue – Springer Schloessl seminarhotel (inner auditorium)

Photo by organizers