

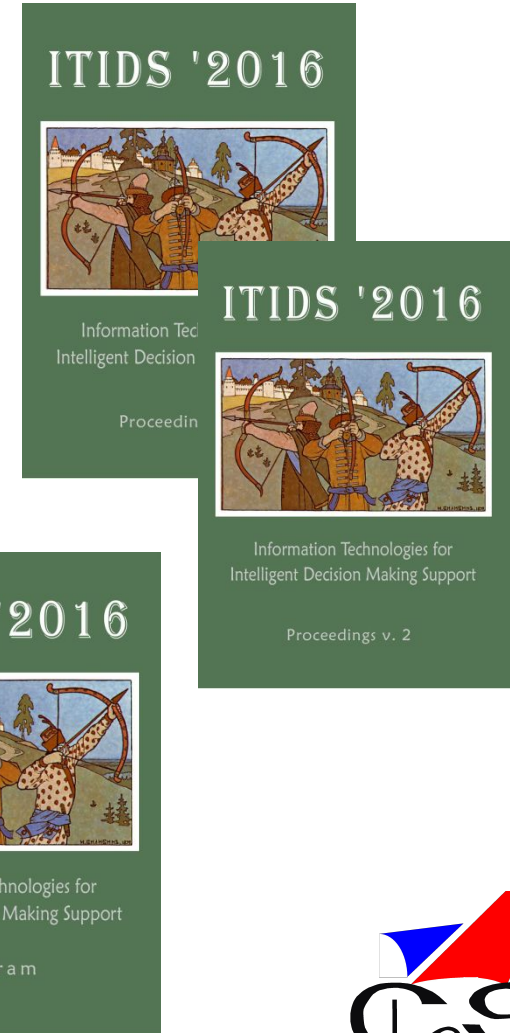


# Ufa State Aviation Technical University

Faculty of Computer Science and Robotics

## The 4th International Conference on Information Technologies for Intelligent Decision Making Support

Ufa, Russia  
May 17 - 19, 2016





# International Conference on Information Technologies for Intelligent Decision Making Support

**10:00 – 10:30 Opening Ceremony of Conference  
(conference hall №1)**

**woman Prof. Yusupova N.I.**

## **Welcome word**

Prof. Krioni N.K. (Rector of USATU)

Prof. Zaripov N.G. (Vice-Rector for academic work)

Prof. Darintsev O.V. (Vice-rector for Research and Innovation)

Prof. Kovacs G.

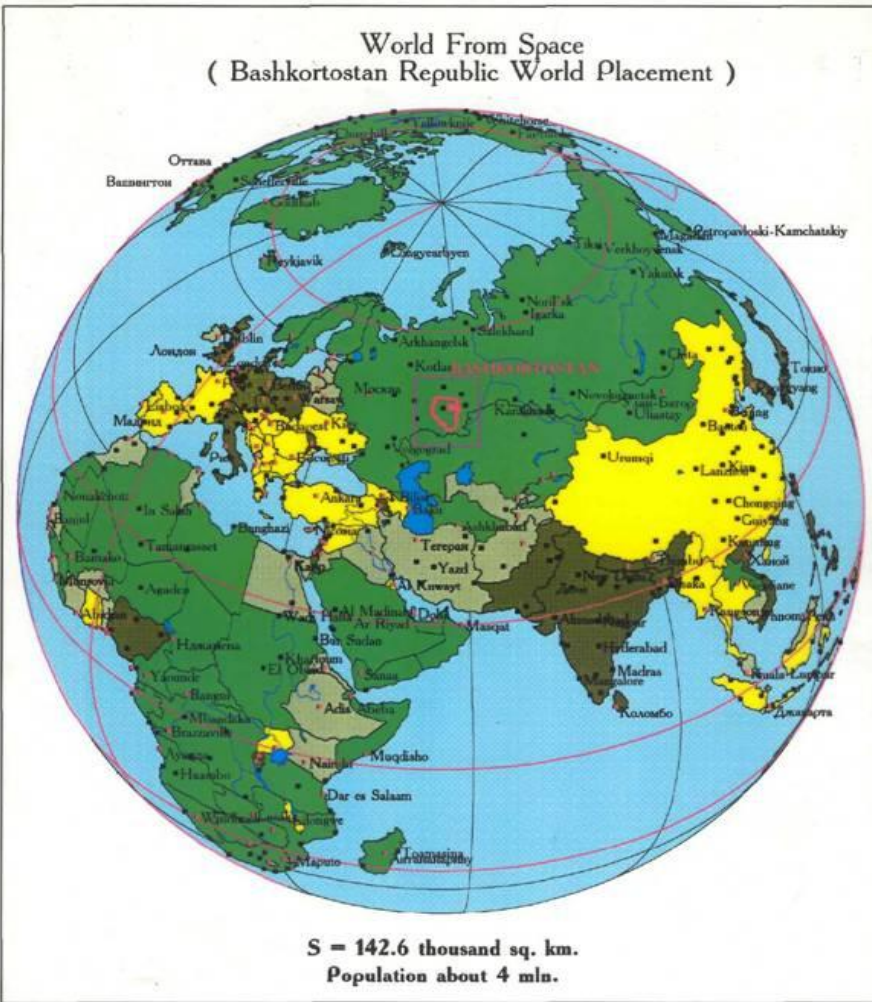
Prof. Fischer A.

Mr. Prilukov S.A.





# Ufa State Aviation Technical University





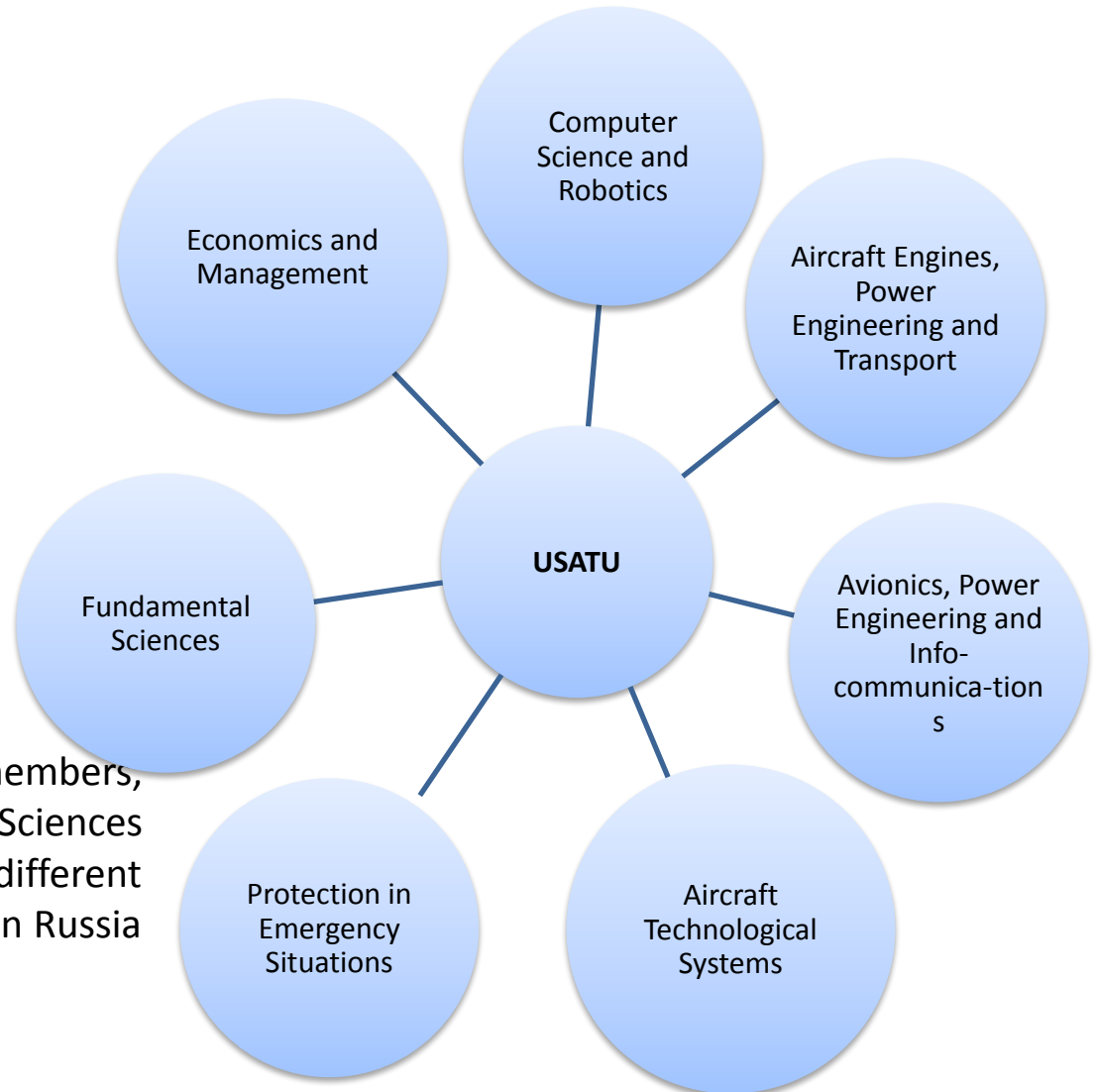
# DEPARTMENTS OF USATU

## Number of students:

- USATU – 20 000 (st.)
- Branch in Sterlitamak – 840 (st.)
- Branch in Ishimbaj – 915 (st.)
- Branch in Kumertau – 810 (st.)
- Branch in Neftekamsk – 800 (st.)
- Branch in Tuymazy – 330 (st.)

More than 1000 lecturers work at 66 chairs, among them about:

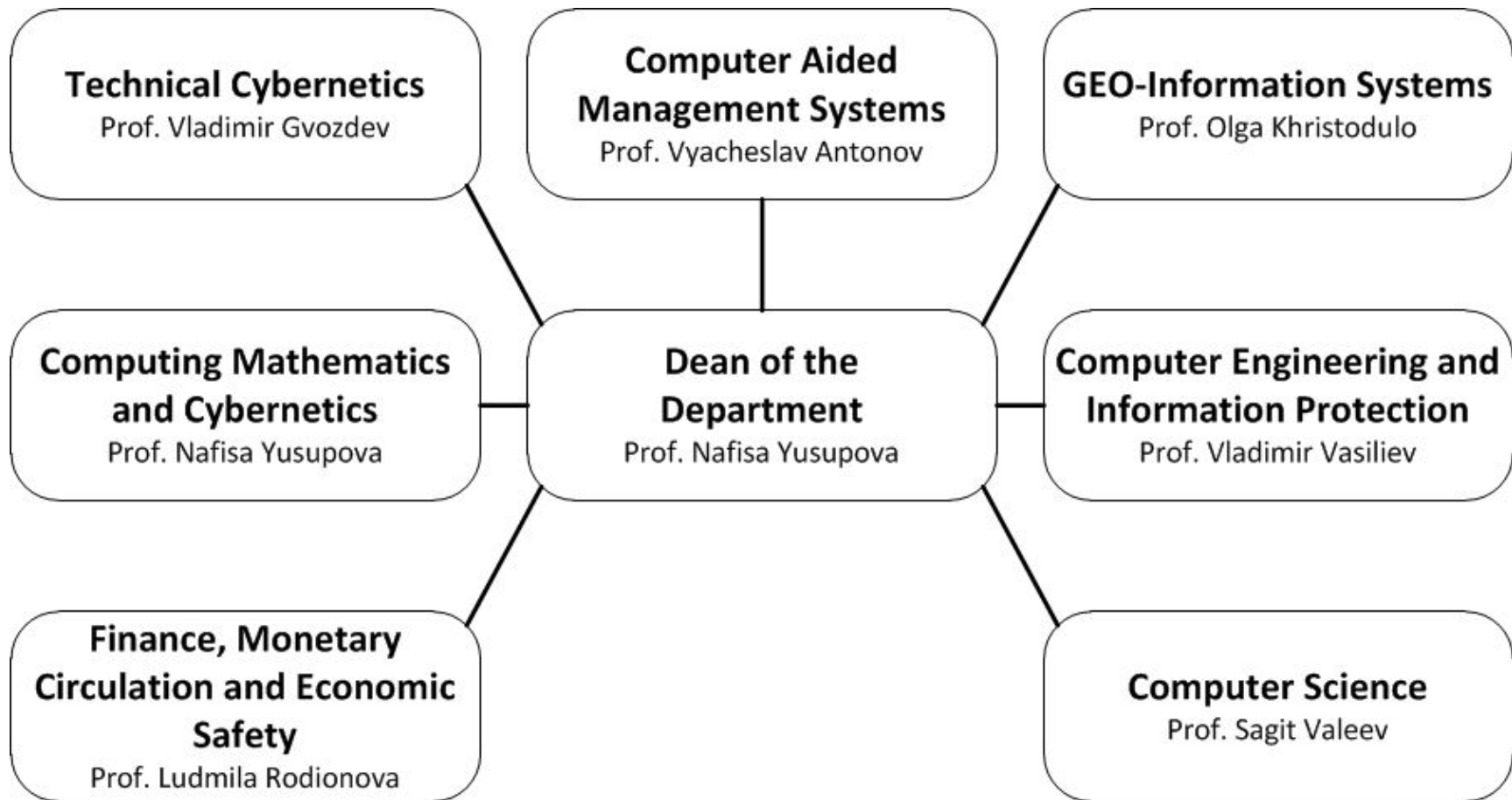
- about 180 Doctors of Sciences;
- about 600 PhDs;
- more than 80 corresponding members, members of the Russian Academy of Sciences and Bashkir Academy of Sciences, different sectoral, state and public academies in Russia and foreign countries.





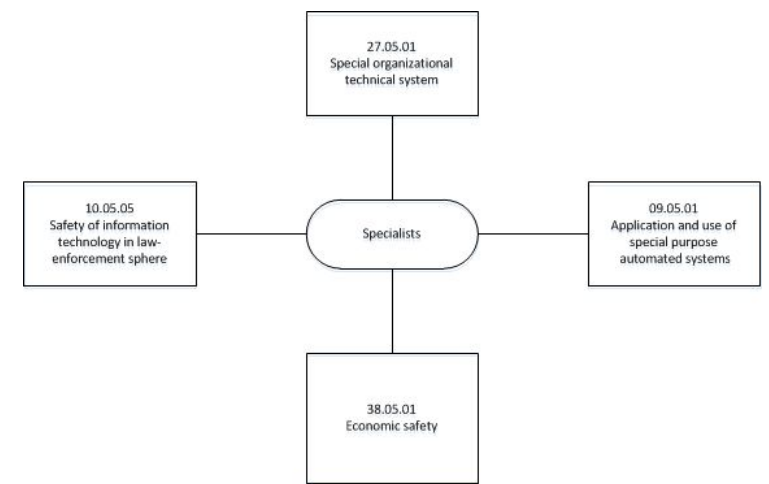
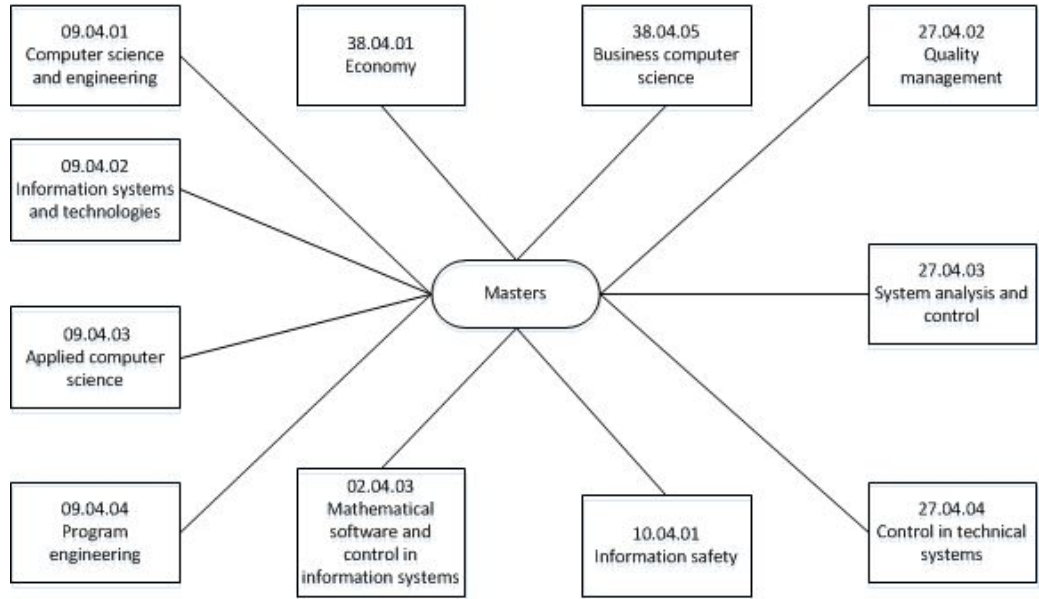
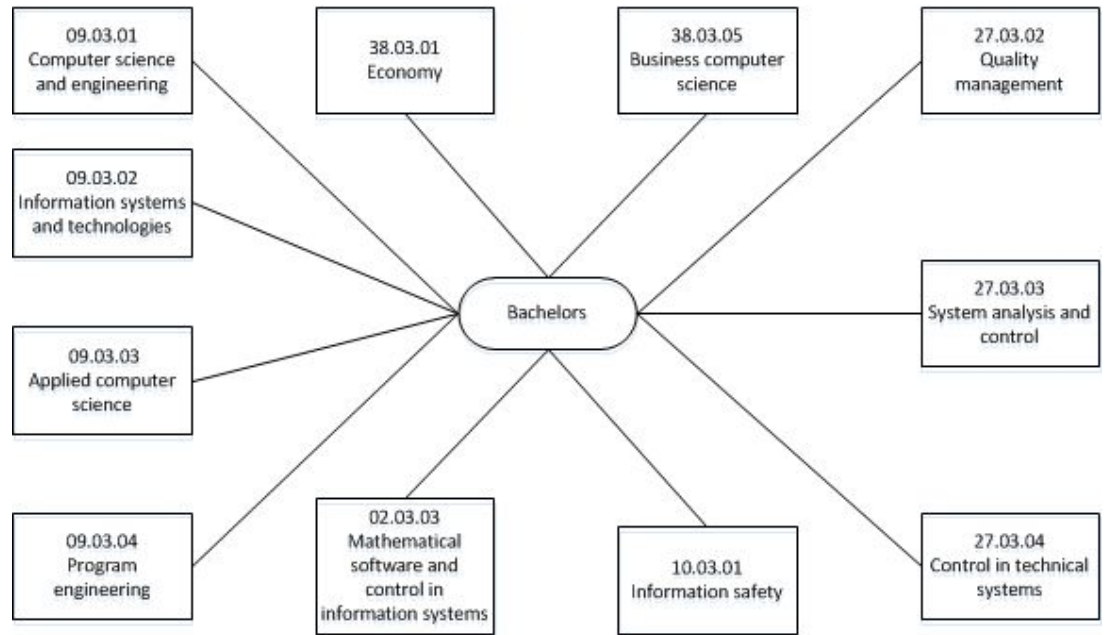


# DEPARTMENT OF COMPUTER SCIENCE AND ROBOTICS



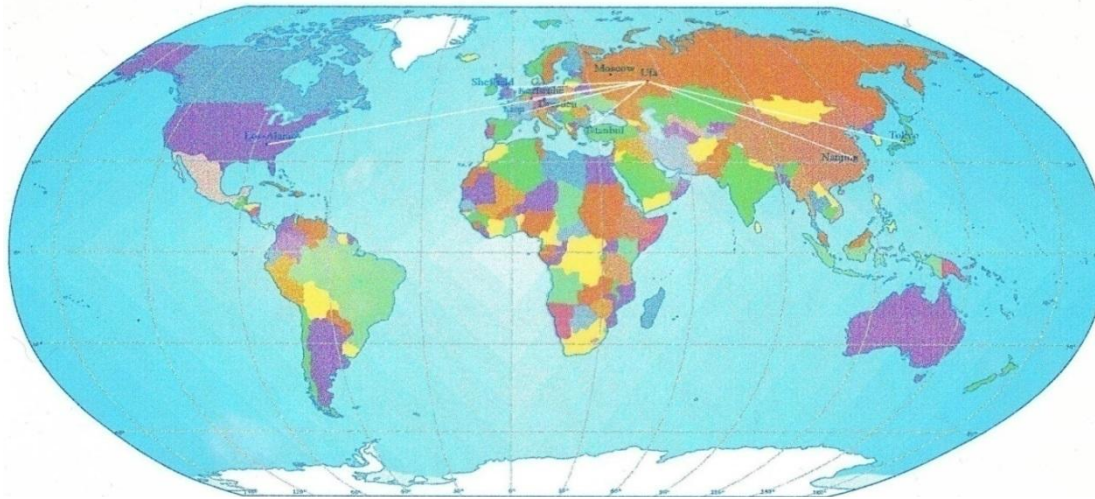


# EDUCATIONAL PROGRAMS AT THE DEPARTMENT





# INTERNATIONAL COOPERATION AND SCIENTIFIC PROJECTS



## The University has agreements on mutual cooperation with:

- Los-Angeles center of material science (USA)
- Karlsruhe Institute of Technology (Germany)
- Meiji University (Japan)
- University of Trento (Italy)
- La Sapienza University of Rome (Italy)
- Universidade Nova de Lisboa (Portugal)
- Ruhr Universität Bochum (Germany)
- Nanjing University of Aeronautics and Astronautics (China)
- Sheffield Hannam University (UK)
- Technical University of Dresden (Germany)
- Bonn-Rhein-Sieg University of Applied Science (Germany)
- University of Wroclaw (Poland)
- Technische Universität Wien (Austria)
- Wroclaw University of Technology (Poland)

## International scientific-technical projects:

- "Aviacosmos"
- "Nanocrystals"

## Participants of the projects:

SATUU  
Universities of Germany, USA, France, China



# WORKSHOPS ACTIVITY

## □ **International Workshop “Computer Science and Information Technologies”**

2000, 2001, 2003, 2005, 2007 – Ufa, Yangantau, Assy, Krasnousolsk, Russia; 2002, 2009 – Patras, Crete, Greece; 2004 – Budapest, Hungary; 2006, 2011 – Karlsruhe, Garmisch-Partenkirchen, Germany; 2008 – Antalya, Turkey ; 2010 – Moscow – Saint-Petersburg, Russia ; 2012 – Hamburg – Norwegian Fjords; 2013 – Vienna-Budapest-Bratislava; 2014 – Sheffield, England; 2015 – Rome, Italy

## □ **“Engineering and Information Sciences: New Methods and Solutions for Emerging Technologies”**

2010 - Karlsruhe, Germany

## □ **International workshop “Innovation Information Technologies: Theory and Practice”**

2010 - Dresden, Germany

## □ **International Workshop for Young Scientists “Intelligent Technologies for Information Processing and Management”**

2012 - Ufa, Russia

## □ **International Summer School “Neuroinformatics”**

2012 - Ufa, Russia

## □ **International Conference “Information Technologies for Intelligent Decision Making Support”**

2013, 2014, 2015 – Ufa, Russia

## □ **International Conference “Intelligent Technologies for Information Processing and Management (ITIPM)”**

2014, 2015 – Ufa, Russia

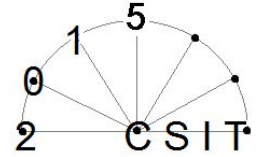
## □ **International workshop “Technologies of digital processing and data storage”**

2015 – Ufa, Russia





# International Workshop “Computer Science and Information Technologies”



- ❖ 2000, 2001, 2003, 2005, 2007 – Ufa, Yangantau, Assy, Krasnousolsk, Russia
- ❖ 2002, 2009 – Patras, Crete, Greece
- ❖ 2004 – Budapest, Hungary
- ❖ 2006, 2011 – Karlsruhe, Garmisch-Partenkirchen, Germany
- ❖ 2008 – Antalya, Turkey
- ❖ 2010 – Moscow – Saint-Petersburg, Russia
- ❖ 2012 – Hamburg – Norwegian Fjords
- ❖ 2013 – Vienna-Budapest-Bratislava
- ❖ 2014 – Sheffield, England
- ❖ 2015 – Rome, Italy

The Workshop's aim is bringing together researchers from different areas, including Distributed Information Systems, Data & Knowledge Management, Computer Control, IT Applications. These areas are heavily related nowadays.

The Workshop attracted more than two hundred submitted technical papers from different countries including both conceptual and experience papers. Both types of submissions were evaluated similarly, in accordance with standards of international forums.

# OUR ORGANIZERS



*Peter Lockemann*

University of Karlsruhe



*Heinz Wörn*

University of Karlsruhe

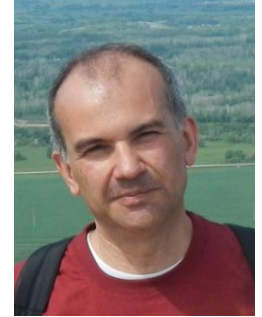


*Nafisa Yusupova*

USATU



*Andreas Fischer*  
Technical  
University of  
Dresden



*Enrico Tronci*

*Sapienza University  
of Rome*



*Peter P. Groumos*  
University of Patras



*George L. Kovács*  
Hungarian Academy of  
Sciences



*Chrysostomos Stylios*  
University of Ioannina, Greece,  
Artas



*Tim Breikin*  
Sheffield Hallam  
University England

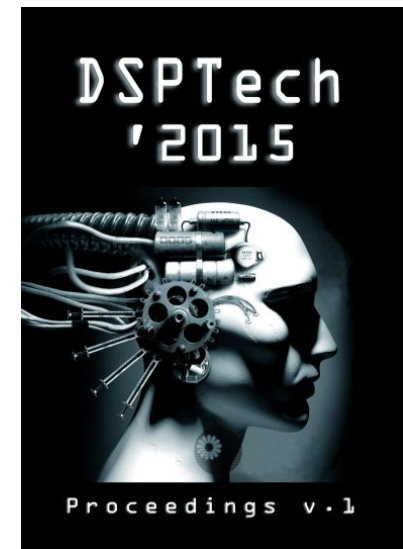
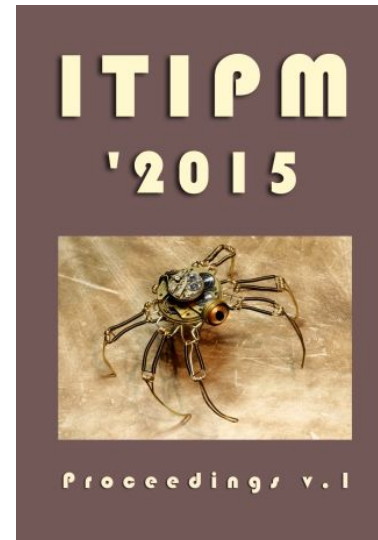
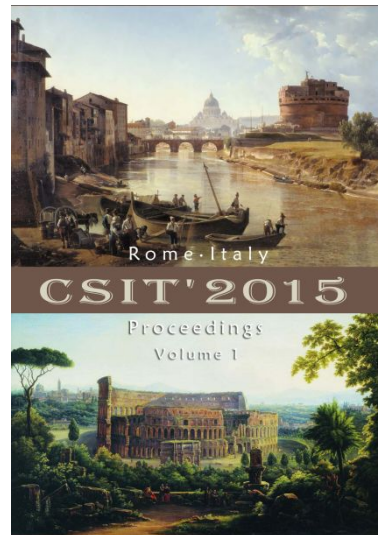
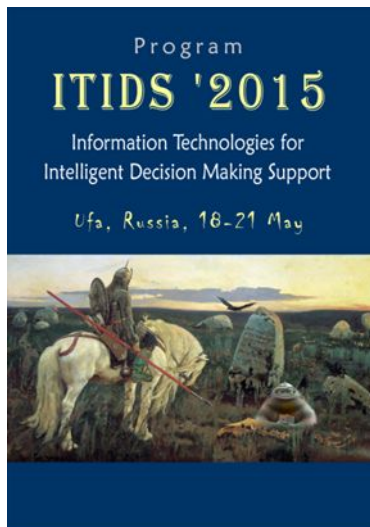


# Ufa State Aviation Technical University

Faculty of Computer Science and Robotics

## Faculty of Computer Science and Robotics 2015-2016

## International Workshop

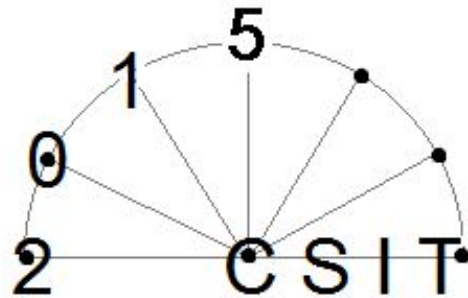




# Ufa State Aviation Technical University

Faculty of Computer Science and Robotics

## International Workshop on Computer Science and Information Technologies



Rome, Italy  
September, 22-26, 2015





# CSIT'2015



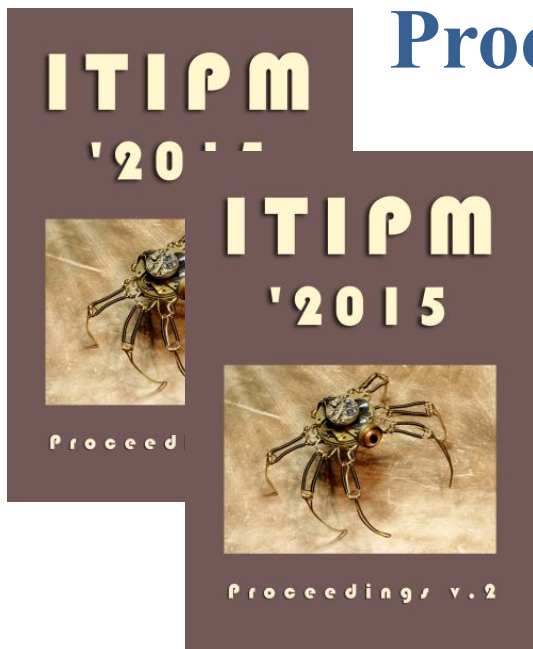


# Ufa State Aviation Technical University

Faculty of Computer Science and Robotics

## The 3<sup>rd</sup> International Conference on

# Intelligent Technologies for Information Processing and Management



Ufa, Russia  
November 10 - 12, 2015





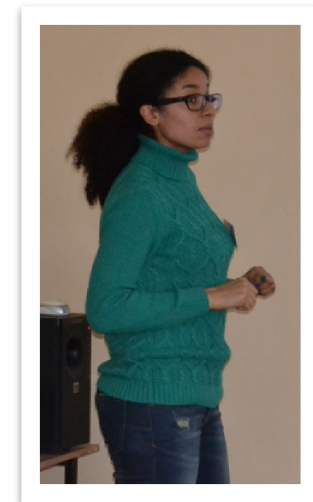
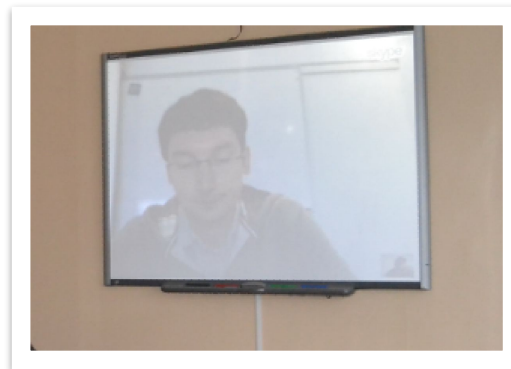
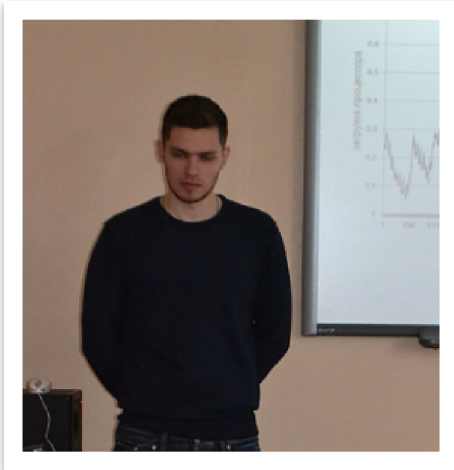
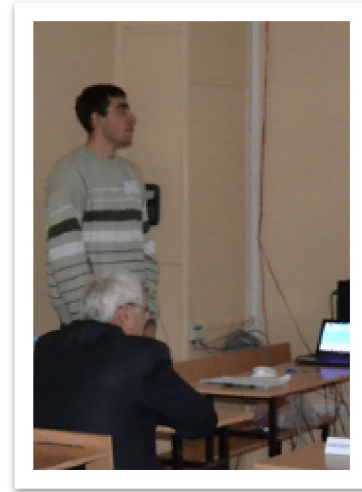
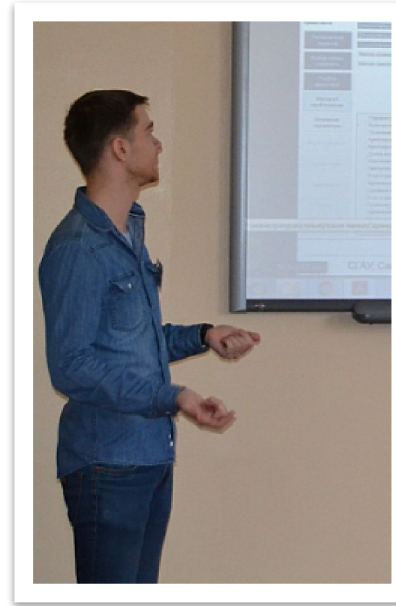
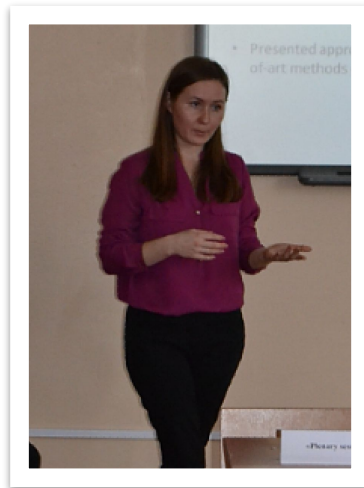
# International Conference on "Intelligent Technologies for Information Processing and Management"







# International Conference on "Intelligent Technologies for Information Processing and Management"





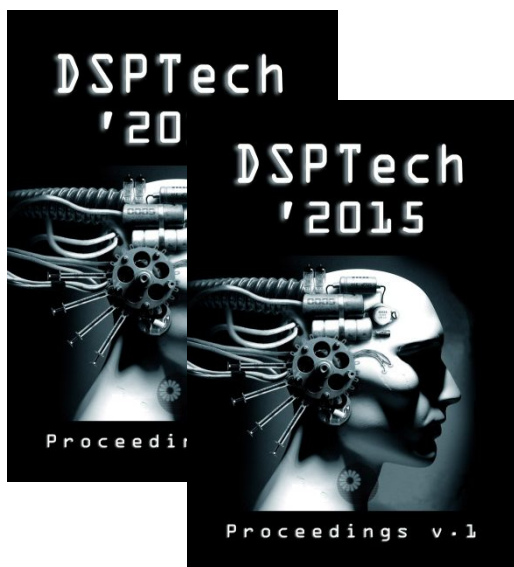


# Ufa State Aviation Technical University

Faculty of Computer Science and Robotics

## The 1<sup>st</sup> International Workshop on

# Technologies of Digital Signal Processing and Storing

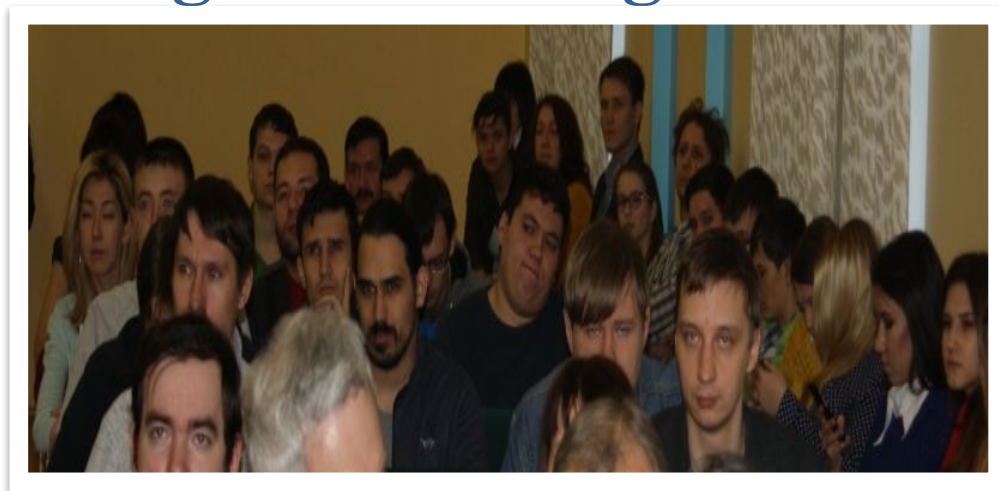


Ufa, Russia  
December 10 - 13, 2015



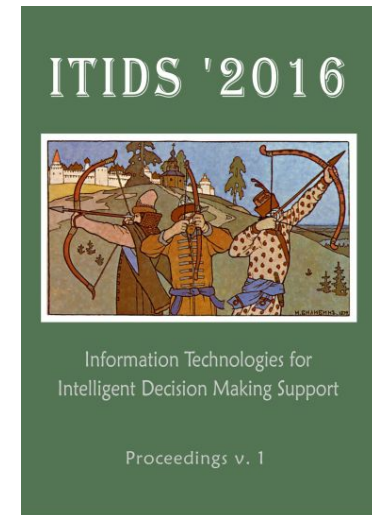
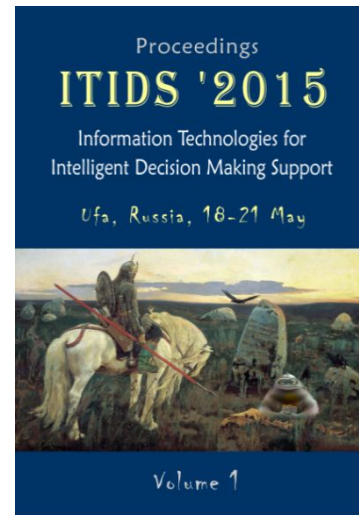
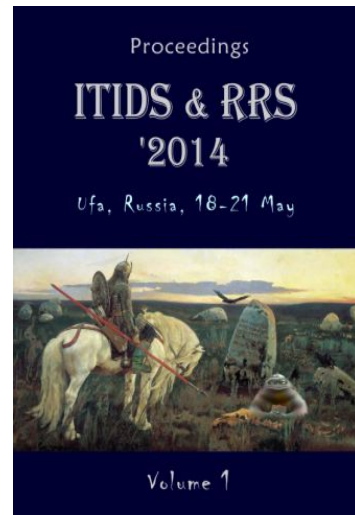
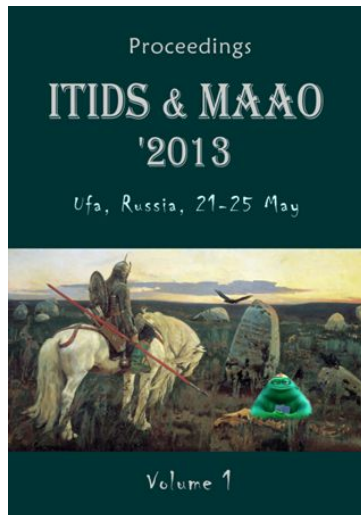


# International Workshop on Technologies of Digital Signal Processing and Storing



# HISTORY OF CONFERENCE

## International Conference on Information Technologies for Intelligent Decision Making Support





# HISTORY OF CONFERENCE

The International Conference on

**Information Technologies for  
Intelligent Decision Making Support  
and  
the Intended Russian-German Workshop  
on  
Models and Algorithms of Applied  
Optimization**



Ufa, Russia  
May 21 - 25, 2013







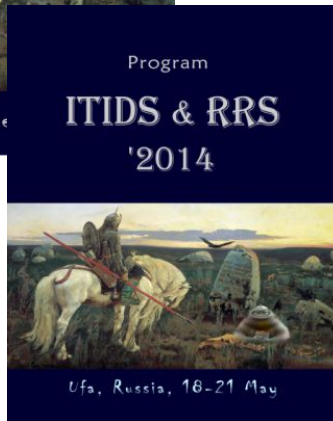
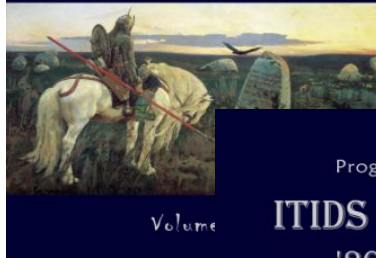
# International Conference on Information Technologies for Intelligent Decision Making Support, 2013





# HISTORY OF CONFERENCE

The International Conference on  
**Information Technologies for  
Intelligent Decision Making Support**  
and  
the International Workshop on  
**Robots and Robotic Systems**



Ufa, Russia  
May 18 - 21, 2014





# International Conference on Information Technologies for Intelligent Decision Making Support, 2014



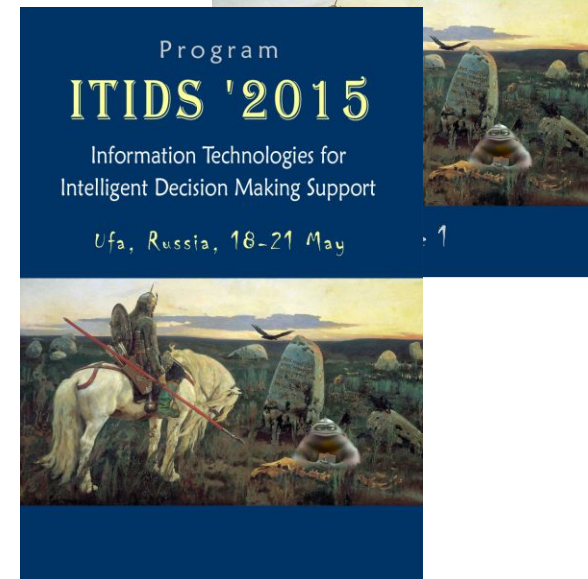
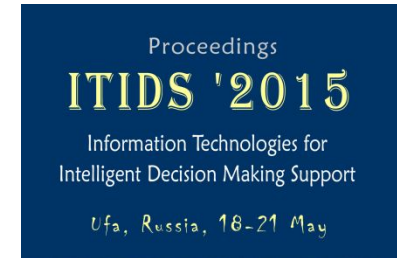




# HISTORY OF CONFERENCE

## The 3<sup>rd</sup> International Conference on Information Technologies for Intelligent Decision Making Support

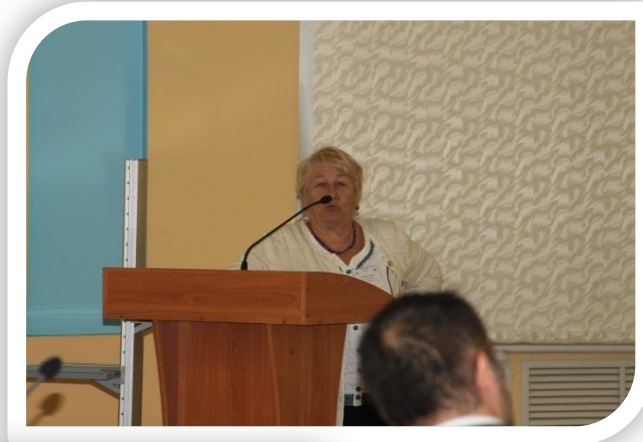
Ufa, Russia  
May 18 - 21, 2015







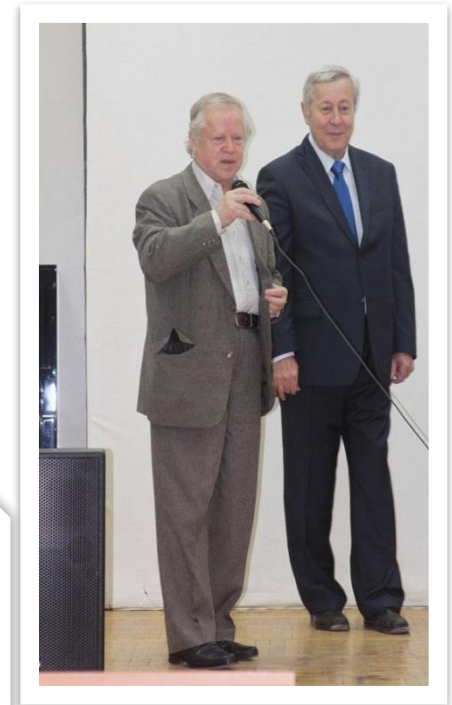
# International Conference on Information Technologies for Intelligent Decision Making Support, 2015





# International Conference on Information Technologies for Intelligent Decision Making Support, 2015

## Awarding the diploma of Honorary Doctor





# CONFERENCE OFFICERS



## GENERAL ORGANIZING COMMITTEE CHAIR

Yusupova Nafisa, USATU, Ufa, Russia

## PROGRAM COMMITTEE CO-CHAIRS

Smetanina Olga, USATU, Ufa, Russia

Fischer Andreas, Technical University of Dresden,  
Germany

Kovacs George, Hungarian Acad. of Sciences,  
Budapest, Hungary





# INTERNATIONAL PROGRAM COMMITTEE

Antonov Viacheslav,	USATU, Ufa, Russia
Alimguzhin Vadim,	Sapienza University of Rome, Italy
Borgest Nikolay,	Samara State Aerospace University, Samara, Russia
Casati Fabio	University of Trento, Italy
Darintsev Oleg,	USATU, Ufa, Russia
Ermolov Ivan,	Russian Academy of Sciences, Moscow, Russia
Gainanov Damir,	Institute of social-economy research, Ufa Research Center Ufa, Russia
Gvozdev Vladimir,	USATU, Ufa, Russia
Groumpos Peter,	University of Patras, Greece
Ilyasov Baryy,	USATU, Ufa, Russia
Janschek Klaus	Technical University of Dresden, Germany
Kartak Vadim	BSPU, Ufa, Russia
Konrad Uwe,	HZDR, Dresden, Germany
Khristodulo Olga,	USATU, Ufa, Russia
Kulikov Gennady,	USATU, Ufa, Russia
Massel Lyudmila,	Energy Systems Institute, Irkutsk, Russia
Melnikov Andrey,	ChSU, Chelyabinsk, Russia
Munasyrov Rustem	USATU, Ufa, Russia
Petunin Alexander,	UrFU, Yekaterinburg, Russia
Rodionova Liudmila,	USATU, Ufa, Russia
Tronci Enrico,	Sapienza University of Rome, Italy
Sherykhalina Nataliya,	USATU, Ufa, Russia
Valeev Sagit,	USATU, Ufa, Russia
Vasilyev Vladimir,	USATU, Ufa, Russia
Woern Heinz,	University of Karlsruhe, Germany
Wolfengagen Viacheslav,	JurInfoR-MSU Institute, Moscow, Russia
Zhitnikov Vladimir	USATU, Ufa, Russia





# GEOGRAPHY OF PARTICIPANTS:

**Russia:** Ufa, Moscow, Irkutsk, Chelyabinsk, Magnitogorsk, Samara, Izhevsk, Omsk, St. Petersburg, Bryansk, Novocherkassk, Kazan, Khabarovsk, Cheboksary, Naberezhnye Chelny, Kumertau, Sterlitamak, Salavat, Yekaterinburg (19)

**Germany:** Dresden

**Hungary:** Budapest

**Austria:** Vienna

**Italy:** Trento





# CONFERENCE STATISTICS

## REPORTS:

Plenary reports:	6
Session reports:	153
Papers in first volume:	48
Papers in second volume:	46
Rejected papers:	18
Papers in third volume:	?

159



**ALL REPORTS: 159**

**ALL PARTICIPANTS: 327**





# International Conference on Information Technologies for Intelligent Decision Making Support

## Research sessions:

- Intelligent models, methods, technologies and systems
- Systems analysis and mathematical methods of decision-making
- Software for decision making support
- Methods, models and information technologies in natural science
- Information systems
- Decision-making methods in complex technical and organizational systems
- Models and algorithms for decision-making systems
- Methodology of artificial intelligence
- Methods, models and information technology in the management of socio-economic systems
- Young scientist's session

## Round table:

- Robots and robotics systems
- Models and algorithms of applied optimization
- Problems of education in terms of new standards



# Thank you for your attention!

