

Serbian competence in “SPACE” theme

Jelena Z. Andrejić
NCP “SPACE”, Serbia

Info Day
Riga, Latvia
July 2011

Research Organizations in Serbia

- The Law on Scientific Research Activity (Article 62) stipulates that The Ministry of Education & Science keeps track of scientific and research organizations that meet the requirements for scientific research of general interest to the Republic of Serbia.
- Here are presented institutes and faculties that meet legal requirements for carrying out scientific research and who, as such, are accredited by the Ministry of Education & Science.

Basic facts

- Major document:
- “Strategy of scientific and technological development of the Republic of Serbia 2010-2015”
- <http://www.nauka.gov.rs/eng/images/stories/vesti/Strategy/100501-strategija-ENG-1.pdf>

Basic facts

- The analyses of scientific fields in Serbia has resulted in the identification of seven national priorities in the domain of science and technology:
 - Biomedicine and human health
 - **New materials and nanosciences**
 - **Environment protection and countering climate change**
 - Agriculture and food
 - Energy and energy efficiency
 - **Information and communication technologies**
 - Improvement of decision making processes and affirmation of national identity

Basic facts

- 28 Scientific Institutes
- 32 R&D Institutes
- 122 accredited Faculties
- 2 Centers of Excellence

University centres:



1. Belgrade
2. Novi Sad
3. Niš
4. Kragujevac
5. Novi Pazar
6. Priština

Scientific Institutes

- **Astronomical Observatory, Belgrade**

www.aob.rs

* *RegPot: Belissima*

- **Institute for nuclear sciences “Vinča”**

www.vinca.rs

➤ *Developing new Si based materials for microchips (Lab. For material sci)*



Scientific Institutes

- **Institute of Chemistry, Technology and Metallurgy, Belgrade**

<http://www.ihtm.bg.ac.rs>

- **Institute of Physics, Belgrade**

<http://www.phy.bg.ac.rs>

- * *Centre of Excellence for Computer Modeling of Complex Systems*

R&D Institutes

- **Institute “Mihajlo Pupin”**

<http://www.pupin.rs/>

- *electronics, automation, process control, computers, telecommunications, digital signal processing, information systems, software engineering and robotics*
- ** Extensive FP7 participation and coordination*

- **Electrical Engineering Institute "Nikola Tesla"**

<http://www.ieent.org>

- *power systems, automation and control, electric power facilities department, electrical measurements*

R&D Institutes

- ***IMTEL Komunikacije***

<http://www.insimtel.com>

- *producer and distributor of telecommunications and data transmission equipment*

- ***IRITEL ad Beograd***

<http://www.iritel.com>

- *Digital switching, Digital transmission, Fiber-optics transmission, Wireless communications, Digital GSM mobile radio communications, Radio and TV transmission, Digital integrated defense communications, Electronic warfare
Computer communications , Telecommunication software, Digital signal processing
Remote control and data acquisition, Industrial electronics*

R&D Institutes

- **RT-RK d.o.o, Novi Sad**

<http://www.rt-rk.com>

- *Computer Based Systems Research & Development company for product development in fields of consumer electronics, communications and multimedia.*

- **Military Technical Institute, Belgrade**

<http://www.vti.mod.gov.rs>

- *The activities primarily focused on development of weaponry and military equipment as high technology products.*

Faculties and departments -Belgrade-

- **Mathematical faculty, astronomy department**

<http://www.matf.bg.ac.rs/>

- **School Of Electrical Engineering**

<http://www.etf.bg.ac.rs>

- **Faculty of Mechanical Engineering**

<http://www.mas.bg.ac.rs>

Faculties and departments

-Niš-

- **Physics department**, Faculty of Science

<http://www.pmf.ni.ac.rs>

* *Southeastern European Network in Mathematical and Theoretical Physics*

- **The Laboratory for Geochemistry, Cosmochemistry & Astrochemistry**, Faculty of Science

<http://tesla.pmf.ni.ac.rs/lgc/about.htm>

➤ *thermochemical study of asteroid and cometary impacts into ocean*

Faculties and departments -Novi Sad-

- **Physics department**, Faculty of Science

<http://www.df.uns.ac.rs/>

Faculties and departments -Kragujevac-

- **Astronomical observatory BELEFRONT**

<http://physics.kg.ac.rs/fizika/opservatorija/kontakt.htm>

- **Physics department, Faculty of Science**

<http://physics.kg.ac.rs/fizika/>

- **Mathematics department, Faculty of Science**

<http://imi.pmf.kg.ac.rs/>

Faculties and departments -Kraljevo-

- **Faculty of Mechanical Engineering**

<http://www.mfkv.kg.ac.rs/>

Thank you!

Jelena Z. Andrejić

jelena.andrejic@nauka.gov.rs

00 381 3616 581

00 381 64 8166 026



Ministry of Education & Science
PIU Research & Development d.o.o.