

Eastern European Innovation Partnership High-Level Strategy Meeting

Exchange of best practices in Innovation & Technology Transfer (I&TT) and debate on an upcoming roadmap to stimulate the respective capabilities in the Danube Region

Technological Transfer Center “POLITECH”

<http://cttpolitech.wordpress.com/>

University POLITEHNICA of Bucharest - UPB

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University POLITEHNICA of Bucharest - UPB

UPB is the largest and most prestigious technical university from Romania, classified, in the top 12 universities, as “University for advanced research and education” by the Ministry of Education Research Youth and Sports. Its mission is to educate, research and innovate at the highest professional standards, oriented towards the knowledge society, for a sustainable development of the social and economic environment in which UPB is integrated. The scientific research is an essential component of the UPB activity, the value of the results obtained at national and international levels being unanimously recognized and strategically oriented towards high development areas: information and communication technology, energy, environment, transports and territorial planning, food safety, biotechnologies, innovative products and processes.

UPB offers undergraduate and graduate programs of study, organized in 15 faculties: Bachelor of Science programs in 17 major fields and more than 70 distinct specializations, with a duration of 4 years; Master of Science programs in more than 170 specialization, with a duration of 2 years; Ph.D. Degrees in 14 fields of Engineering Sciences, with a duration of 3 years. UPB welcomes foreign applicants, offering a number of 20 B.Sc. and 25 M.Sc. programs taught in English, French or German.

UPB has a specialized faculty for entrepreneurial education - <http://faima.pub.ro/?hl=en>.

The R&D entities in UPB benefit of the following human and material resources: 1352 didactic personnel, 288 PhD thesis supervisors, 74 exclusive R&D personnel, 2715 PhD students, 45 Research Centers – being attested in UPB, 19 certified - by Romanian Accreditation Association - laboratories, approx. 150 Research Laboratories, 8 Research Infrastructures with Multiple Users and 6 Interdisciplinary Research and Education Platforms: 1. Multifunctional micro and nano-structured materials; 2. Renewable energy sources and sustainable development; 3. Advanced control systems and applied informatics; 4. Bioengineering and biotechnologies; 5. Quality assessment for materials and products; 6. Integrated automotive engineering.

Center for Technological Transfer - CTT “POLITECH”, from UPB

The Center for Technological Transfer - CTT “POLITECH”, from UPB is very active, acting like an interface between the scientific community of UPB and the economic environment, including educational staff with the status of Patent Advisers certified by the National Patent Office (Romanian State Office for Inventions and Trademarks). Beginning with the year 2010, UPB implemented the project „Virtual inter-university community for science, technology, innovation and capitalization of intellectual property” - <http://www.cviu.ro/bucuresti.html> , whose general objective is professional education and training for the support of the economic growth and the society development, based on knowledge transfer. CTT “POLITECH” coordinates the administration of university technologies for deployment in the public domain; dissemination to the scientific community is done via non-commercial mechanisms including teaching, seminars, trainings, publications, and community engagement. CTT “POLITECH” also coordinates management of university technology that will be protected, and manages a database of UPB’s research, IPR and publications.

CTT “POLITECH” is also an Enterprise Europe Network - EEN partner (<http://een.ec.europa.eu/about/branches?Country=RO&City=Bucharest>) and has a representative delegate in the “EU IPR Helpdesk Ambassadors Team”: <https://www.iprhelpdesk.eu/ambassadorsteam> .

Some significant data for UPB

Patenting data	2011	2013
Total number of patent applications	62	8
Total number of patents held	20	32
Number of co-patent applications with organizations located in other EU countries or Associated Countries	2	0
Number of co-patent applications with the private sector	18	1
Number of co-patents held with the private sector	5	12

The university IPR has been licensed to several private companies and was commercialized by 5 (five) university spin-off companies, financed by the structural funds program: <http://www.poscce.research.ro/ro/node/node/nid/1703#> . Also, UPB was the R&D services providers for 16 innovative SME's, benefiting of the Romanian "innovation vouchers" financing program: <http://uefiscdi.gov.ro/articole/2859/Cecuri-de-inovare.html>.

Thank you !

Prof. Alexandru Marin
EU IPR Helpdesk Ambassador

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