



SLOVENSÁ AKADEMIA VIED

PRESEDNÍCTVO

Bratislava, 20. december 2012
Číslo: 545/D/07/2012

OSVEDČENIE

Podľa ustanovenia Zásad pravidelného hodnotenia organizácií SAV časť A. Vedecké organizácie, čl. I ods. 21 a uznesenia Predsedníctva SAV č. 997 zo dňa 6. decembra 2012 sa zaraďuje Vaša organizácia s účinnosťou od 1. januára 2013 a platnosťou do nasledujúceho hodnotenia

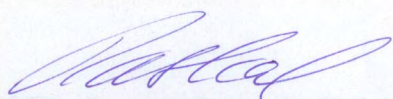
do akreditačnej kategórie

B

veľmi dobrá organizácia, v ktorej väčšia časť výskumu spĺňa medzinárodný štandard.

V ďalšej činnosti Vám prajeme veľa úspechov.

S pozdravom


prof. RNDr. Jaromír Pastorek, DrSc.
predseda SAV

Vážený pán
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PROTOCOL OF EVALUATION OF SAS SCIENTIFIC ORGANIZATION

In regular evaluation of period 1.1.2007 – 31.12.2011

According to § I, section 15 and 16 of Principles of Regular Evaluation of SAS Organizations adopted under the regulation of § 10, section 5, letter d) Act No. 133/2002 Coll. on Slovak Academy of Sciences and approved by the SAS Assembly on 10. 10. 2011, the Evaluation Panel forSciences issues the Protocol with following evaluation and proposal for organization rating to evaluation category.

Name and address of evaluated organization	Institute of Measurement Science, Slovak Academy of Sciences Dúbravská cesta 9, 841 04 Bratislava 4
Date of site visit	Oct. 3/2012

ASSESSMENT OF PARTIAL INDICATORS

1. Research outputs

Comment:	Points:
The Institute presented positive development in imaging methods and electrophysiological signal measurements in the biomedicine, optoelectronic measuring methods and mathematical statistics. However, the Institute has to strengthen the research outcomes in its remaining fields of research. The number of patents is relatively high.	2.7

2. Response to the scientific outputs

Comment:	Points:
The international response on the scientific outputs of the institute is insufficient. This needs to be changed in the future by publishing papers in journals with higher impact factor. The number of uncited articles is relatively high.	2.6

3. Research status of the organization within international and national context

Comment:	Points:
International cooperation is rather limited. In the national context, the Institute has a unique position which is needed for other external research teams focused on the specific problems.	2.6

4. Projects structure, research grants and other external funding resources

Comment:	Points:
In spite of many national and international projects, the external funding is insufficient. Higher participation on the funded international research projects, especially EU research projects is expected.	2.7

5. Organization of PhD education and other pedagogical activities

Comment:	Points:
The institute is accredited in one PhD program only, therefore it would be difficult to increase the number of PhD students. Some efforts are needed to get the accreditation in another PhD programs, too.	2.6

6. Socio-economic outputs

Comment:	Points:
The cooperation with industrial partners resulted in many important applications. Knowledge transfer to the industrial partners as well as studies commissioned for the decision-making authorities covered by many low profit making projects is good.	2.9

7. Popularizations and outreach activities

Comment:	Points:
The popularization activity in all possible areas (articles in press, appearances in electronic media, public popularization lectures) is sufficient.	3.0

8. Background and management: infrastructure and personal development

Comment:	Points:
The average age of the staff decreased largely in the last year, partially due to retiring of many employees. The number of newly employed young researchers is respectable. The management needs to enhance the activities towards to preparation of economical good projects in cooperation with other institutions.	2.8

OVERALL EVALUATION

Comment on qualitative evaluation of global indicators as excellence, topicality and effectiveness of research, etc.:

The Institute of Measurement Sciences has improved research outputs and response on them significantly since the last accreditation. It is recommended to further insist on requirements of excellence and high quality research and to stimulate all teams to publish the results in high quality journals.

Besides actual solved topics, the new research objectives have to be prepared in the cooperation with other institutes of SAS. It allows the Institute of Measurement Science to be involved in the project consortia funded by the international and national projects. The measurement knowledge base will be added value to the solved problem. Development of the mathematical methods for the improvement of the measurement quality is a permanent task.

Total percent of points obtained from the maximal number of points with weighting:

68.0%


Proposal of organization rating:

Organization accredited in category B

Comments, objections to organization's activities in form of suggestions and specific tasks which must be performed by organization before next regular evaluation, etc.

- 1) The Institute has to use its interdisciplinary capability to actualize their research topics in order to succeed in the competition for various research programs.
- 2) Due to the significantly improved research infrastructure, special care should be given to its effective managing and exploitation.
- 3) The Institute has to increase the efforts for finding additional sources for the research activities.
- 4) Give more importance on the publication with higher quality.
- 5) Improve significantly the activities to transfer knowledge to the industry.
- 6) The research in the new area of X-ray microtomography due to development of optimal methodologies of measurement and non-destructive testing of objects and materials has a big perspective in many areas (material research, mineralogy, paleontology, geology, electronics, microelectronics, micromechanics, archaeology and preserving of cultural heritage).

Approved in Bratislava, October 5, 2012


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Chairman of Evaluation Panel