

STATEMENT

of leading researcher, Ph.D. **Leonid Leybovich Iomdin**,
acting head of Laboratory of Computational Linguistics, A.A.Kharkevich Institute for
Information Transmission Problems, Russian Academy of Sciences,
member of the scientific jury

regarding the position: Professor in Higher Education
in domain 4. Science, Mathematics and Informatics;
Professional Area: 4.6 Informatics and Computer Science, Research specialty: 01.01.12
- Informatics (Computational linguistics: tools and systems of linguistic knowledge
processing),
announced in Derzhaven Vestnik No 58, 29.07.2011, for the needs of the Institute of
Mathematics and Informatics, Bulgarian Academy of Sciences (IMI-BAS)

Candidate: Associate Professor **Ludmila Petrova Dimitrova**

Associate Professor, Dr. Ludmila Dimitrova graduated from the Sofia St. Kliment Ohridski University in 1969, when she received a master's degree in mathematics. In 1973-1977 she was a postgraduate PhD student at the Moscow State University, Faculty of Computational Mathematics and Cybernetics, which resulted in her receiving a doctoral degree in mathematics, for which purpose she defended in 1977 a thesis entitled "Using a hierarchical memory structure in computers".

She has been working in the Institute of Mathematics and Informatics for over 30 years, since 1978, first as research fellow and then, since 1996, as senior research fellow and associate professor.

Ludmila Dimitrova has made a significant contribution to basic research in the field of computational linguistics, development of NLP applications, creation of computerized linguistic resources, education, and organizational issues of science.

Among the important digital linguistic resources that she developed together with her foreign colleagues are the Slovak-Bulgarian Corpus Linguistics Terminology Database, a Bulgarian-Slovak web-based text corpus, and several dictionary and corpus resources where Bulgarian and Polish are involved.

Her educational activities included teaching at the St.Kliment Ohridski Sofia University the joint master program of IMI and the St Cyril and St Methodius University of Veliko Tarnovo. She provided scientific guidance to ten master students and a PhD student.

The candidate's full list of publications contains 64 titles in Bulgarian, English and Russian, including 5 co-authored books.

The list of citations of publications by Ludmila Dimitrova made in international editions, excluding autocitations and citations by co-authors, consists of an impressive 102 items.

I personally know the candidate and her work for over 6 years. Our institute, together with 5 other research bodies of Slavic countries, participated in the EU-financed MONDILEX project (2008-2010, www.mondilex.org), performed in the FP7 program framework and focused on the creation of an innovative infrastructure for Slavic digital lexicographic resources. Dr. Dimitrova initiated the submission of the project proposal, contributing the best ideas and directions of future work, was the main coordinator of the project when it was accepted, and guided the activity of the participants until the successful completion of the project. Of special importance was her academic and organizational participation in several workshops, conferences and meetings held in participating countries in the framework of the project. She edited or co-edited the proceedings of 5 international events within Mondilex.

I consider her creative and scientific abilities as well as her overall performance as excellent.

Upon reviewing the materials presented by Associate Professor Dr. Ludmila Petrova Dimitrova, I come to the conclusion that they are to be assessed positively.

I believe that the candidate fully meets all the requirements and prerequisites to be appointed to the academic positions of professor at IMI-BAS, and strongly recommend her for this position.



Leonid L. Iomdin

Moscow, October 25, 2011