

Letter of support for Liliya Atanasova

To: Prof. Dr. Rolf-Dieter Heuer,
Deutsche Physicalische Gesellschaft e. V
Hauptstr 5, 53604, Bad Honef, Germany,
heuer@dpg-physik.de

From: Professor Ana Ivanova Georgieva, PhD, DSci,
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Vice chair of the Managing Board of the
Union of Physicists in Bulgaria /UPB/

Re: *Letter of reference for Liliya Atanasova*

Dear Prof. Heuer,

With this letter I would like to support the application of Liliya Atanasova, as a young and promising physicist from Bulgaria, to participate in the German Physical Society (DPG) Spring Meeting in Bochum, 26 February - 6 March 2018, sponsored by the "Foundation Dr. Karl Mey-Scholarships" and DPG.

I have known Liliya since 2010, when she started working as a physicist in the Nuclear Physics Department of the Institute of Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences, Sofia, Bulgaria, where I was head of the Theoretical Nuclear Physics Laboratory. Being an experimentalist under the supervision of our prominent colleague prof. Dimiter Balabanski me and Liliya have collaborated in several scientific, national and international projects. This gave me a good chance to follow her scientific work and organizational involvements.

Although the research team in which we both participated had rather broad and various research interests the most fundamental ones were related to the description of the dynamics and symmetries of the nuclear collective phenomena. This requires a very deep knowledge of the basic nuclear structure models, the latest results of the experiment in this field, as well as the use of mathematical and computational skills on a rather high level. The successful work, publications and participation in various international teams and conferences is a proof that she has these qualities. She is rather well acquainted with the most challenging problems of the contemporary nuclear physics and the experimental and theoretical approaches that are applied for their solution. Proof of which is her present work at the Department of Medical Physics and Biophysics, Faculty of Medicine, Medical University of Sofia, where she is breaching her nuclear physics experience with its applications in biophysics and medicine. Up till now L. Atanasova has more than 30 scientific publications with more than 100 citations. She has also teaching experience in different subjects. In this respect my opinion is that she takes the teaching as an important part of the human scientific activities and is very responsible to his obligations as a teacher and lecturer. She mentors students with real concern for their understanding of the subject and abilities for practical application of the achieved knowledge.

I would like also to underlay her exceptional accuracy, efficiency and organizational skills, which I observed during her involvement as a responsible secretary in the management, for example, of the Bulgarian NSF project DID 02/16 of which I was the principle investigator or the organization of the 8th International Balkan School on Nuclear Physics, July 3rd – 12th, 2012 in Blagoevgrad, Bulgaria. Evaluating very highly her activities in this respect, prof. Balabanski and me nominated her, as a young scientist for a member of the Managing board of the Union of physicists in Bulgaria. She was elected unanimously on the 8th Congress of UPB and now serves a second term as such. She takes part in the organization of all the events related to the young generation of Bulgarian physicists and the

education in physics on high and school levels. As such she is active in the organization of the annual conferences on physics education, in the Youths' session and the "Science on Stage" festivals, where school and/or university students present their projects in physics and natural sciences. She is very active also in the promotion of the contemporary achievements of physics and as a future career for the young. She is a member of the editorial board of the UPB's journal "The world of Physics" and completely unselfishly is doing the prepress preparation of the journal.

So, it is a pleasure for me to add my support to Liliya Atanasova's participation in the German Physical Society (DPG) Spring Meeting in Bochum, 26 February - 6 March 2018. In my opinion she is a hard working, systematic young woman with a deep understanding of the contemporary physics problems and the necessary skills to be rather successful in her scientific investigations as well as with her useful and active work in the UPB.

If I can be of additional assistance to you, please, contact me at anageorg48@gmail.com.

Sincerely, 

DSci., Professor Ana Ivanova Georgieva
Vice president of UPB