

Prof. Rob de Ruyter van Steveninck,
Chair, Biocomplexity Search Committee
Department of Physics
Indiana University Bloomington

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Subj: a letter of recommendation for Dr. Ponomarjov

Dear Professor de Ruyter van Steveninck,

I am writing to endorse the application by Dr. Ponomarjov to a Biocomplexity faculty position in your department.

Dr. Maxim Ponomarjov has worked at the Physics Dept., State Academy of Aviation Technology for five years, first as a Senior Lecturer and than as an Associate Professor. During this period he proved himself as an intelligent and very promising young researcher and lecturer.

Dr. Ponomarjov shows the most high levels of initiative and creativity in his research work, high analytical and computational skills in statistical plasma physics, fluid dynamics, MHD, . He proved his ability to develop physical/mathematical models from first principles as well as modifying existing frames. He is an inventive researcher with the high ability to work and think independently.

Dr. Ponomarjov is a winner of different international grants which allowed him to do active research in Russia and to take part at international conferences in plasma physics.

He has a good track record of innovative research in the statistical, kinetic simulation of ion flows and wakes of bodies in ionospheric and space plasma at an international level. He shows the high potential for future scientific development in theory and computer simulations in complex systems.

Dr. Ponomarjov possesses a high degree of co-operative skills and leadership abilities.

The course of General Physics was very interesting and attractive in his presentation both for undergraduate and for graduate students. In addition, the candidate has successfully conducted seminars and laboratory experiments in General Physics on the very high level. He can be very efficient in directing graduate thesis work.

Yours truly,

Shota Piralischvili

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Prof. Shota Piralischvili
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