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Dear colleagues,

It is my pleasure to recommend Dr. Maxim Ponomarjov for a faculty position at the Indiana University.

Dr. Ponomarjov joined our group at the Université Libre de Bruxelles, Belgium, in 2002 for studying problems related to plasma-wave interactions and current drive in fusion devices. Although his previous experience was not directly linked to this field, he rapidly became productive and obtained interesting results on the relativistic motion of electrons in a configuration consisting of two electromagnetic waves counterpropagating obliquely with respect to a constant magnetic field. In particular, he clarified the role of the secondary wave in this configuration and his findings have been submitted to Phys. Rev. Lett.

Dr. Ponomarjov has an excellent theoretical background in most aspects of plasma physics and in space plasma science in particular. He also has a wide knowledge of computational tools and has been involved in the past in statistical, kinetic and MHD simulations.

It is also important to point out that collaborating with Dr. Ponomarjov is easy and pleasant. On one side, he presents his findings with enthusiasm but without aggressiveness. On the other side, he is eager to listen to other's viewpoint and to take them into account in his research. These qualities, combined with his ability to understand rapidly new concepts, makes the collaboration with Dr. Ponomarjov not only pleasant but also efficient.

Sincerely yours,



Daniele Carati