



Centro de Fisica Teorica de Particulas
Instituto Superior Tecnico, Lisbon
Prof. G.Branco

20/01/2023

Dear Prof. Branco,

It is a real pleasure for me to recommend Dr. Costas Pallis for a post-doctoral position. I know Costas Pallis around 20 years, since the time that he was attending my course on Elementary Particle Physics in the postgraduate programme of my University, the University of Athens and the Research Center "Demokritos". Immediately I appreciated Costas as a very dedicated student, a hard worker and very able calculator. Then he became a Ph.D. student of Professor Lazarides and since I am following his scientific progress.

Costas was actively involved in studies of supersymmetric extensions of the Standard Model and their consequences in Particle Physics Phenomenology and Cosmology. More specifically Costas has done extended analytical and numerical calculations concerning features of different realizations of the LSP, which have been very widely appreciated, as can be easily found by the number of citations on his work. In addition Costas has performed extensive RGEs calculations in the framework of MSSM using boundary conditions resulting from various unification scenarios. The above studies have been subsequently concentrated in constraining the parameter space of MSSM taking into account all Particle Physics and Cosmology phenomenological constraints. Discussing with Lazarides I share with him an excellent opinion about Costas.

Costas is a dedicated in research, very hard working young scientist, who has already contributed in a significant manner in the development of the field that aims in merging the frameworks of Particle Physics and Cosmology in a scientifically sound manner. He has the background, the technical skills and more generally the potential in producing first class scientific work in this field. I should add that Costas has an excellent character. For all the above, I recommend Costas in the strongest possible way for a post-doctoral position in your Department.

I would be very happy to give any further information that might be needed.

Yours sincerely,

With my best regards,

George Zoupanos

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