17 Feb. 2018

Dr. Miguel Alcubierre Moya
Instituto de Ciencias Nucleares
Universidad Nacional Autónoma de México
Ciudad Universitaria, Circuito Exterior S/N
A.P. 70.543, 04510 Mexico City
Mexico

Dear Dr. Moya

I am writing to support, in the strongest possible terms, the nomination of Peter Hess to the position of Professor Emeritus of the Universidad Nacional Autónoma de México.

I have known Peter for many years and have always appreciated his many contribution, and applications of sophisticated Group theoretical methods to at least three major area of physics: nuclear physics, particle physics and general relativity.

He is widely known for his revolutionary work in developing a widely used computer code, which made detailed calculations possible for the application of the so-called Bohr-Mottelson-Frankfurt collective model to an interpretation of nuclear experimental data. This was a major achievement, which was made possible by use of sophisticated group-theoretical properties, and which subsequently enabled applications by him and others to collective states of molecules and other systems.

He has made many significant advances in group theory. One, which I found particularly useful in my work, was his development of a theory of effective interactions based on a concept of quasi-dynamical symmetry.

I am confidant that Peter Hess would be awarded the title of Emeritus Professor were he now retiring from the University of Toronto.

Sincerely

David J. Rowe, F.R.S.C.
Emeritus Professor of Physics.