Ingeniaritza Goi Eskola Teknikoa
Escuela Técnica Superior de Ingeniería
Bilbao

eman ta zabal zazu
Universidad del País Vasco
Euskal Herriko Unibertsitatea

Ricardo Hueso Alonso
Dpto. Física Aplicada I – Aula Espazio Gela
Escuela de Ingeniería de Bilbao
Universidad del País Vasco / Euskal Herriko Unibertsitatea
Plaza Ingeniero Torres Quevedo, 1 48013 Bilbao, Spain
e-mail: ricardo.hueso@ehu.eus
Tel: (+00 34) 94 601 4262
Fax: (+00 34) 94 601 4178

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This is a recommendation letter for Dr. Javier Peralta Calvillo who is applying for 2021 Competitive Examinations for Researcher Positions.

Javier Peralta made his Ph.D. in my department in the years 2005-2009 under the combined supervision of Agustín Sánchez-Lavega and me defending his thesis in 2009. Javier quickly became an essential part of our research group thanks to his knowledge of Astronomy, Planetary Science, Atmospheric Dynamics and his technical capabilities in areas like programming and data analysis. Besides these professional capacities, he also has excellent personal qualities like enthusiasm, creativity, and specially a generous personality. Over the course of his Ph.D. Javier worked with data from the Galileo flyby of Venus and the European Venus Express mission publishing what later became important papers in the area of Venus atmospheric dynamics and are now highly cited by the community. After his Ph.D. he has moved to post-doc positions in Spain, Portugal and Japan, where he has worked for 5 years at JAXA with data from the Japanese Akatsuki Venus mission and managing a research budget associated to his position as an International Top Young Fellow (ITYF).

Javier is a dedicated scientist with a well-stablished leadership in the study of Venus atmosphere, although he has also worked occasionally in research related with Mars and Earth's upper atmosphere. He has a consolidated experience in theoretical aspects of atmospheric dynamics, observational astronomy (ground-based and space projects) and data analysis. In particular, he has been highly successful in obtaining ground-based observations of Venus and in combining data from several instruments, space missions and telescopes. I should also mention that his theoretical work has made him to be one of the leading experts in the study of atmospheric waves in the fast rotating atmosphere of the slowly rotating planet Venus. Javier research papers include several papers led by him in high-impact journals like Geophysical Research Letters (which is the second most influential journal in geophysics, and where his works have been subject of the cover of the journal in two cases) and a paper in Nature Astronomy and he is a well known researcher in the field with a high capacity to lead new research on planetary science.

I fully support Javier's application and I am sure he will keep demonstrating his excellent work that will translate in successful and exciting research.

Ricardo Hueso R. Hueso Bilbao, Spain.