



Chicago, April 5, 2012

To whom it may concern:

This letter is in connection with Prof. Dr. V. David Sánchez A., Ph.D. regarding our cooperative work in the area of a new generation of protein electrophoresis making use of advanced technological platforms and computational methods. David has been Chief Technology Officer (CTO) of Thiris Corp., a biotech/biomed company in Newport Beach/Irvine, CA and organized as Editor-in-Chief (Chief Scientific Officer (CSO)) for his Elsevier Neurocomputing journal special topics/issues including in the broad emergent area of bioinformatics and biologically-inspired computation.

David excels as world leader of the most advanced scientific research and technology development programs. As an eminent example, David launched and led Neurocomputing in fifteen (15) to over fifty (50) volumes

Based on his research over decades on computational methods and systems for real-time perception and control, in particular the processing of visual inputs to identify, track, and grasp moving objects in three-dimensional space, in particular, under u-gravity, we came together to attack challenging problems in the above reference field as he spent time in Washington DC, where I was previously based. His eminent output has won world recognition, some of his supercomputing machines and methods were demonstrated during the STS-55 spaceflight of the NASA-ESA Space shuttle Columbia / Spacelab and have been the baseline for currently the most advanced massively parallel architectures, multi-cores SoCs, and associated software challenge solutions.

I am always struck by the speed of our intellectual interaction about relevant problems – I have been active in that field for 20 years – and not only by David's obvious mastering of associated technical aspects, but the fantasy the creativity he possesses to pose solutions from the right perspective.

I have witnessed how he could generate computer programs implementing the solution of the problems we were just discussing, and all this in real-time.

There is no question in my mind that David's contributions will continue at the level he seems to have always been: among the world best, always in a significant leadership role.

Most recently, David has been part of the NASA Constellation Program (CxP) team at the NASA Marshall Space flight Center (MSFC) in Huntsville, AL, designing and developing the next generation of spacecraft, including the ARES rockets. Not long ago, ARES I-X, was launched successfully as the first real test from NASA Kennedy Space (KSC) in Florida, where I myself was active for 15 years.

David's continuous activities to conceive and lead new research and scientific and technology development programs are remarkable.

These include among others, his collaboration with NASA, DARPA, NSF in the U.S. as well as ESA, the EU, and the most respected national labs in Europe.

I look forward to the continuation of our cooperative work in the next appropriate opportunity and feel blessed to continue in professional contact with David.

Please do not hesitate to contact me should you have additional questions.

Sincerely

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