Dr Maria Ribera Sancho Samso
Professor of Software Engineering
Responsible of Academic BSC Programs,
PATC Director at BSC

Barcelona Supercomputing Centre

C/ Jordi Girona 29,
Edifici Nexus II,
E-08034 Barcelona, Spain

Phone +34 (0)93 413 7968
Fax +34 (0)93 413 7721
Email patc@bsc.es
Web www.bsc.es

November 22th, 2019

Dear Sir/Madam,

Re: RECOMMENDATION LETTER DR. JAVIER A. ESPINOSA-OVIEDO

After a PhD in Computer Science and a first postdoctoral experience in two laboratories of the French Council of Scientific Research (CNRS), the Laboratory of Informatics of Grenoble and the French-Mexican Laboratory of Informatics and Automatic Control, Dr. Javier A. Espinosa-Oviedo spent two years as postdoctoral fellow in the Barcelona Supercomputing Centre (BSC), supported by the Mexican Council of Science and Technology (CONACyT). He then spent one year as postdoctoral researcher at the Delft University of Technology, in the Leiden-Delft-Erasmus Centre for BOLD Cities. He is currently research scientist at University of Lyon 3, where he participates in a technology transfer project of the region Rhône-Alpes-Auvergne addressing data integration in multi-cloud environments guided by SLA.

Dr. Espinosa-Oviedo has defined a scientific expertise that combines data centric solutions deployed on large-scale infrastructures including cloud and HPC. At BSC, he collaborated in multidisciplinary contexts with mathematicians, visualization and artificial intelligence experts for addressing contemporary big data challenges appearing in smart cities. Most of his research has been done in the context of projects funded by national and international agencies (CONACyT, CNRS, EU FP7), where he has had an active participation. I underline in particular a grant he obtained as PI through a scientific program of Microsoft Azure for working on the analysis of crowds' behavior in urban spaces.

Beyond his scientific activities, Dr. Espinosa-Oviedo has continuously contributed to the education of human resources in different institutions in Europe and Latin America. At BSC he actively participated in a variety of teaching and dissemination actions organized by my department. Particularly, he was lecturer in the Big Data Analytics course of the BSC PRACE Advanced Training program in 2016, 2017 and 2018, and speaker and chairperson in the 3rd and 4th BSC International Doctoral Symposium held at Universitat Politècnica de Catalunya, in 2017 and 2018. As lecturer, the practical nature of his courses was highly appreciated by participants.

Dr. Espinosa-Oviedo is aware that scientific activities can be empowered by promoting international collaboration. Being postdoctoral fellow at BSC he approached my department for organizing an international collaborative workshop among BSC and the Mexican universities Universidad de Guadalajara (UdeG) and Universidad Autónoma de Guadalajara (UAG). The objective was to establish academic and research collaborations with our centre. The workshop successfully brought together around 40 participants (master students and professors included) and was well received by BSC's scientists.

Dr. Espinosa-Oviedo is a dynamic person who has shown strong scientific and pedagogic teaching qualities. He also has good interpersonal qualities and has proved to be a valuable team member. Because of all of this, I strongly recommend him for a scientific and/or academic position.

Sincerely Yours,

Maria Ribera Sancho Samso
Director of the Education and Training Department
Barcelona Supercomputing Centre