Dear members of the selection committee,

I am writing to recommend Juan Ignacio Teich for the Phd position in meteorology with a focus on high-fidelity offshore wind farm modeling at your institution. I have directed Juan Ignacio in the last year in his Engineering thesis titled ‘Parametric analysis of actuator disk models to simulate wind farms’, developed within the research group I lead at CSC (Center of Computational Simulations) in Buenos Aires.

Through his thesis, Juan Ignacio has developed and applied his skills in CFD, particularly in OpenFoam, to simulate actuator disk models. He has developed his own actuator disks, and compared performance and capabilities of several models in various conditions, including uniform inlet flow, atmospheric boundary layer flow, wake interference, and others.

I have witnessed through my supervision the way Juan Ignacio works and his abilities, and can attest he is a great match for the profile of your PhD position.