



**Barcelona
Supercomputing
Center**
Centro Nacional de Supercomputación

Certificate of Attendance

This is to certify that

Yanis Fontenla Barba

Universidad de Santiago de Compostela (USC)

attended

Online PATC@BSC Training Course:
Systems Workshop: Programming MareNostrum 4
on 24th - 25th February 2021

Learning outcomes: The students who finish this course will know the internal architecture of the new MareNostrum, how it works, the ways to get access to this infrastructure and also some information about optimization techniques for its architecture.supercomputer

PATC at BSC-CNS
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08034

A handwritten signature in blue ink, appearing to read "M. Ribera Sancho", with a horizontal line underneath.

Maria Ribera Sancho, PhD
Manager, Education and Training, BSC