Linux Administration Course

The objectives of this course are to learn how to install Linux from a single computer to a HPC cluster. This course has been created to provide students with the necessary skills to work as Linux system administrators in research groups.
For more information please visit the CCC's website.

Parallel Programming with OpenMP and MPI

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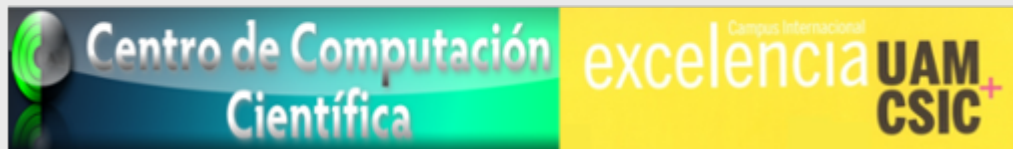
new editi on on the "Parallel Programming with OpenMP and MPI" course will be held on November 2017. The course has been organized by the Scientific Computing Center of UAM and the Barcelona Supercomputing Center (BSC-CNS), and sponsored by the Chair UAM-Fujitsu.

It will take place in the Faculty of Sciences (November 2-8, 2017), and registration is mandatory even if it is free. More information can be found here. The deadline to register is October 16, 2017.

Given the practical nature of the course, attendees are expected to have experience on the use of OpenMP and MPI.

For those interested participants who do not meet this requirement, we offer the possibility to attend an introductory course to parallel programming ("Introduction to parallel programming with OpenMP and MPI") that will take place between October 2 and 6, 2017 at the CCC-UAM (more information here).

Please, note that the deadline to register for this introductory course is September 21, 2017.

Linux on Scientific and Production Environment: Linux Security

Dear Users:

I t is a pleasure to announce the third module of the second edition of the course Linux on Scientific and Production Environment entitled: Linux Security.

These courses are taught on the premises of the CCC-UAM initiative of the Faculty of Sciences within the framework of continuous training plans. Please note that all modules are independent.

For more information please visit the CCC's website.

Linux on Scientific and Production Environment: Advanced Level

Dear Users:

I t is a pleasure to announce the second module of the second edition of the course Linux on Scientific and Production Environment entitled: Linux Advanced.

These courses are taught on the premises of the CCC-UAM initiative of the Faculty of Sciences within the framework of continuous training plans. Please note that all modules are independent.

For more information please visit the CCC's website.

Linux on Scientific and Production Environment

Dear Users:

I t is a pleasure to announce the first module of the second edition of the course Linux

on Scientific and Production Environment entitled: Linux Basics.

These courses are taught on the premises of the CCC-UAM initiative of the Faculty of Sciences within the framework of continuous training plans. Please note that all modules are independent.

For more information please visit the CCC's website.

Parallel Programming with MPI and OpenMP

The objectives of this course are to understand and practice the fundamental concepts of Parallel Programming with Message Passing and Shared Memory. The course covers the two widely used programming models: MPI for distributed environments, and OpenMP for shared-memory architectures. It also presents some tools providing support in the development of parallel applications. The Debugger, to find the causes for application errors; Paraver, to beable to analyze the behaviour of the parallelism; and Tareador, to extract task parallelism from applications. The course is taught using formal lectures, combined with practical/programming sessions.

REGISTRATION: To register it is only necessary to send a message indicating name, phone, email and linkage to the Campus UAM-CSIC to administrador.ccc@uam.es address. Registration is free but places are limited.

Date: 30 November – 4 December, 2015.

Location: Laboratory Simulations of Center for Scientific Computing, module C-08, first floor, Autonomous University of Madrid, 28049, Madrid, Spain.

Duration: 40 hours, daily from 9:00 to 18:00. [Agenda]

Cost: Free

More details: http://www.catedrauamfujitsu.es/parallel-programming-2015

Training Course in Open Source Queue Management System - Slurm

T he Cátedra UAM-Fujitsu in collaboration with the Center for

Scientific Computing of the Autonomous University of Madrid (CCC-UAM) has organized a training course in Open Source Queue Management System (Slurm) used in High-Performance Computing (HPC).

The course is aimed at researchers who want to leverage the resources of the CCC-UAM as well as Linux system administrators who want to implement Slurm.

The course will be taught in Spanish and will cover the installation of Slurm starting from scratch, system commands, user management commands and MySQL support. The idea is that the course involves practical training, so it will be complemented by numerous real examples.

REGISTRATION: To register it is only necessary to send a message indicating name, phone, email and linkage to the Campus UAM-CSIC to administrador.ccc@uam.es address. Registration is free but places are limited.

Date: 23-29 September, 2015.

Location: Laboratory Simulations of Center for Scientific Computing, module C-08, first floor, Autonomous University of Madrid, 28049, Madrid, Spain.

Duration: 20 hours, daily from 9:30 to 13:30.

Cost: Free

More details: http://www.catedrauamfujitsu.es/slurm2015/