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# CESGA Computational Science Summer School 2011

- Last Updated (16.05.2011)

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Extended registration: May 15th

CESGA Computational Science Summer School will take place from July 4th to September 30th 2011. This third edition of the Summer School is devoted to graduate students and engineers, researchers and programmers interested in computational science and new tools for scientific calculation or intensive computation.

The following topics on programming, optimization and debugging of sequential and parallel applications will be covered:

## Basic Level

- Programming in Fortran (05/07-08/07, 09:00 to 14:00 hours)
- Programming in C (11/07-15/07, 10:00 to 14:00 hours)
- Compilation, execution and optimization of scientific programs (18/07-22/07, 10:00 to 14:00 hours)
- Introduction to resolution algorithms of scientific applications (26/07-29/07, 09:00 to 14:00 hours)

## Advanced Level

- Parallel programming using directives OpenMP (30/08-02/09, 09:00 to 14:00 hours)
- Introduction to the programming in MPI (30/08-02/09, 09:00 to 14:00 hours)
- Tools of parallel applications development: Debugging and analysis of the performance (12/09-16/09, 10:00 to 14:00 hours)

More information on this link (only in Spanish).

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Date: 04.07.2011 ó 30.09.2011

No. hours: 140 (Basic Level 80 hours; Advanced Level 60 hours)

Location: Centro de Supercomputación de Galicia, Avda. de Vigo, s/n (Campus Sur) - Santiago de Compostela

No. attendees: 15 (Preference for applicants to the whole Summer School, Basic and Advanced Levels)

Contact: [ccsss11@cesga.es](mailto:ccsss11@cesga.es)

Registration:

Please fill the following form.

Registration closed.