Parallel Programming with MPI and OpenMP

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Date & Time:	January 12 – 16	9 am – 5 pm
Location:	Jacobs University Bremen, Lecture Hall Research I	
Language:	English	
POLMAR credit points:	5	
Registration:	bremhlr@uni-bremen.de (deadline January 2, 2015)	

Course content:
This workshop gives an introduction to parallel programming. The main focus is on the parallel programming models MPI and OpenMP and their application to parallelized programs written in Fortran or C. Tutorials are an essential part of the workshop.
On Monday morning, we offer a preparation session. Here the use of the Unix shell as well as general aspects of programming in C and Fortran and running your own programs is given. This session is recommended for all participants of the course who are not really used to Unix shell commands and programming in C or Fortran.

Target group:
This course is open to all interested students or members of the Alfred Wegener Institute for Polar and Marine Research, University Bremen, the Jacobs University Bremen, Hochschule Bremerhaven, as well as associated institutions.
Solid fundamentals in Unix, C and/or Fortran are an essential prerequisite for the successful participation in the course.

More information:
Please see the website of the Bremen supercomputing competence center BremHLR (http://www.bremhlr.uni-bremen.de/) for more information on this course.

Our courses are generally free of charge for all participants. However, they do have a price and can cost as much as 150 € per day per student. Please take this into account when cancelling your place on the last minute.