



## Enrolments still open for MHPC



### An important occupational opportunity for FVG students

June 5, 2014

Enrolments are still open for the Master in High Performance Computing (MHPC) organized by SISSA and ICTP. Major emphasis has been placed by the organizers on inviting candidates from the Friuli Venezia Giulia region. The opportunity will be presented to young FVG students at meetings held at regional universities and research centres, where the course leaders will explain the aims of the master's programme and its highly attractive career prospects. Thanks to the sponsorship of major national and international institutions in the sector, a large number of fellowships covering course costs will be available.

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High performance computing (HPC) is currently one of the most promising sectors in terms of occupational and economic prospects. Its applications span from seismic modelling applied to



the search for natural gas and oil to financial forecasting, genetic engineering and medical imaging. HPC requires experts with a background of top-level scientific training, such as that offered by the new Master in High Performance Computing (MHPC) organized by two centres of excellence in the international scene: the International School for Advanced Studies (SISSA) of Trieste and the International Centre for Theoretical Physics Abdus Salam (ICTP) of Trieste. The Master's course, which will be held for the first time during the academic year 2014-2015 is set to be at the cutting edge in its field: in addition to the quality guaranteed by the level of the organizing institutions, its faculty will include some of the leading international experts and the programme will select only top-level candidates.

The Master's has already received over 150 applications (enrolments are still open) from students all over the world. Despite the huge interest received, the organizers are particularly keen on recruiting young students from the Friuli Venezia Giulia region and they intend to further stimulate their participation. "Our region is an excellence in the international scientific research scenario, seeing the large number of cutting-edge centres operating in the area", explains Guido Martinelli, SISSA director, "MHPC is a top-quality course, an opportunity our students cannot miss, and we want to be sure they're aware of the opportunity to be able to seize it. For this reason we're organizing a series of meetings with students attending the universities and research centres of Friuli Venezia Giulia".

"The very high level of the MHPC is also testified by the sponsors we have involved", continues Stefano Cozzini, head of the MHPC at SISSA, the Italian National Research Council (CNR) and National Institute of Oceanography and Experimental Geophysics (OGS) have already ensured their support to the Master's programme and its future students.

"Five of the eight places planned for this year are already funded by grants to cover the cost of the enrolment. We are, however, involving other international leaders in the sector and we expect to obtain total coverage for the eight places".

An advantage for all players involved: for the Master's course that will benefit from the support of leading institutions in the HPC sector; for the students who will receive major funding for their studies; and for the sponsors themselves, who will secure the collaboration of the most brilliant students. "By accepting the grant students commit to working on their dissertations at the funding institution."

"There's still time to apply", concludes Cozzini. "We really hope to receive many applications from students in our region: it's a very important occupational opportunity in a sector with extremely high career prospects".

#### USEFUL LINKS:

- MHPC website: <http://www.mhpc.it/>



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