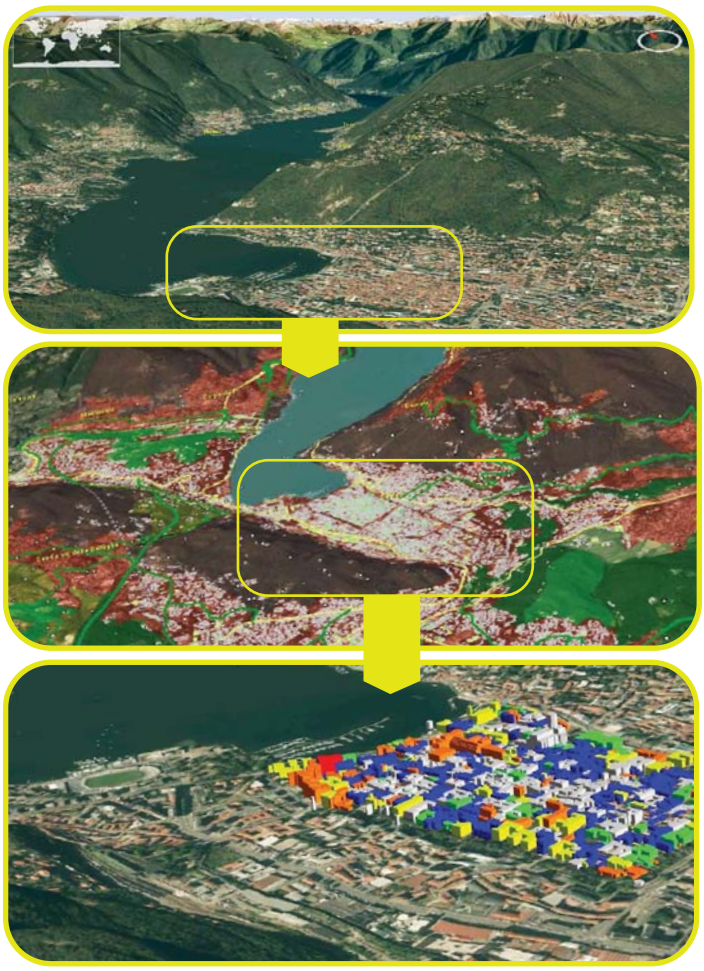
POLITECNICO DI MILANO

POLO TERRITORIALE DI COMO

SUMMERSCHOOL
WORLD WIND EUROPA CHALLENGE

INTRODUCTION

"If Europe is not to lose out to global competition in the fields of education, research and innovation, national higher education systems must be able to respond effectively to the requirements of the knowledge economy" as clearly expressed in the Bologna Process.
To accelerate positive results for jobs and economic development, higher education must be a key area where the path to results is clearly defined and opportunities provided for success.
NASA, in concert with European universities and government institutions will define that path and provide the opportunity for success.
An international Scientific Committee composed of experts in the field of geomatics will come together in Como this September for training in the use of NASA World Wind open source technology. This committee will also use this time to define the criteria for success that applies specifically to the needs of the European community. Geomatics is the discipline of gathering, storing, processing, and delivering geographic information, or spatially referenced information. Solutions in this critical problem area are needed to manage today's spatially–based information, from supply chain to weather, from city infrastructure to climate research, and from daily navigation to maximizing support for emergency response activities (storms, flooding, earthquakes and other natural disasters).
This geomatics expert committee is composed of:



- Dr. Maria Antonia Brovelli (Politecnico di Milano, Italy)
- Dr. Giorgio Zamboni (Politecnico di Milano, Italy)
- Dr. Gábor Remetey–Fülöpp (Hunagi, Hungary)
- Dr. Johannes Schöning (UCL, England)
- Dr. Raffaele de Amicis (Graphitech, Italy)
- Patrick Hogan (NASA, US)
- Tom Gaskins (NASA, US)

PURPOSE

At this 3–day intensive training and geomatics information exchange, experts in computer engineering from NASA, and European universities and government institutions, as well as accomplished PhD and Master students, will both provide and receive specialized training in the use of World Wind technology. These experts in geomatics will discuss essential areas wheresolutions using this technology need to be applied and translate those into criteria for the Europa Challenge.
1. World Wind open source applications will be used to describe the technology.
2. High level dialogue involving sophisticated geomatics concepts will result in project design criteria for the Europa Challenge that addresses European spatial data needs.
3. Project criteria will be decided that qualifies for the Europa Challenge.
4. Performance criteria will be decided for evaluating projects success specific to the European community, their citizens, governments and business opportunities.

VENUE

Palazzo Natta, Via Natta 14/16, 22100, Como (IT)

COST

The course is free of charge but registration is mandatory.
The deadline for registration is September 1, 2012.
For accommodations, low cost solutions are available.
For more information, please contact: summerschool@polimi.it
the sooner, the better for assurance of this opportunity.

WHO

The Europa Challenge Scientific Committee is composed of geomatics and computer engineering researchers, developers and professors from NASA and European universities, as well as accomplished PhD and Master students of these curricula.

ADMISSION CRITERIA

Curriculum vitae and short presentation letter (max 300 words).
At most 30 candidates will be accepted.

REGISTRATION DEADLINE

01 September 2012

INFORMATION/CONTACTS

For information:
maria.brovelli@polimi.it
giorgio.zamboni@polimi.it
For registration:
summerschool@polimi.it
(as email subject: "NASA WW Summer course registration")

Useful Links:
www.polinternational.polimi.it/what/programmes/summer-schools/world-wind-europa-challenge-como-19-21-september-2012
www.graphitech.it/europachallenge

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