



International Desktop Grid Federation to host Crowd Computing 2014 event in Almere, the Netherlands

Almere, 2014-07-31 - In the Big Data Value Centre in Almere, in the Amsterdam Metropolitan region, the International Desktop Grid Federation is organising the Crowd Computing 2014 event, September 23-25, 2014.

Crowd computing is tackling the power of the crowd, using the public's idle computers at home to generate an enormous computing power in order to help scientists calculate complex problems in their research.

Crowd Computing 2014 brings together a community that is interested in several aspects of the field. The event kicks off with a one-day tutorial, followed by a technical meeting of the International Desktop Grid Federation. A workshop about Citizen Science Technology Platforms concludes the three-day event.

The Scientific Programme Committee hosts a variety of skilled experts from carefully selected areas of the HPC, Desktop Grid and Cloud arena. Please check their names at <http://crowdcomputing.eu/organisation-2014>

For the tutorial, the main focus will be on Crowd computing technologies and how they can be integrated into Citizen Science Platforms. Experts will give presentations on BOINC, the XtremFS Cloud Files system, sensor Cloud computing, Big Data integration in Citizen Science platforms and other related topics. The Tutorial is organised by the Cloud Summerschool Almere.

On the second day, the 50 organisations and 250 individuals who are member of the International Desktop Grid Federation, will get the opportunity to meet other members and discuss common issues and opportunities. The technical meeting will focus on three themes for Desktop Grid/Crowd computing operators, including financial aspects; managing and operations; and communication, especially with citizens. At the end of the day the members will leave with a lot of exciting new ideas for their own infrastructure and donors.

The topic of the workshop on 25 September is "Citizen Science Technology Platforms". Interest in Citizen Science is growing rapidly. Crowd Sourcing and Crowd computing are giving it a boost. Most Citizen Science projects start out as a project developing their own support platform or using some general available packages. Recently more general Citizen Science Platforms are emerging that try to support more projects. In Crowd computing, some technology platforms are already in use for about a decade and have accumulated a wealth of experience.

Although each citizen science project is different and can appeal to a different need there are a number of services and tools that can be used and shared among many projects. This could also help citizens move easily between projects. The workshop will focus on common tools and common services for Citizen Science Technology Platforms.

Contributions for this workshop can be submitted until August 22, 2014.

You can register for the Crowd Computing 2014 event at <http://crowdcomputing.eu/crowd-computing-2014>

Source: AlmereGrid & International Desktop Grid Federation

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#### **Note for the editors:**

##### *About Crowd Computing:*

Crowd computing offers a harmonious amalgamation of both desktop grid computing and crowdsourcing. It combines human intelligence with artificial intelligence in order to produce quality results at unprecedented speed. Scientists and historians are already utilizing this process to complete time-consuming research, and many businesses are beginning to realize its potential for cutting costs and increasing productivity. Crowd computing very well may be on its way to changing the way humans live and operate in our society by using artificial intelligence in combination with the human mind. More information on Crowd Computing is available at <http://crowdcomputing.eu>

##### *About the International Desktop Grid Federation:*

The International Desktop Grid Federation (IDGF) is a community of organisations and persons interested in Desktop Grid computing and related technology. In the past years, the IDGF was supported by the EDGI and DEGISCO projects. Currently, IDGF is supported by the IDGF-SP project.

AlmereGrid is the local Crowd computing platform responsible for the organisation of the Crowd Computing 2014 event.

*About the IDGF-SP project:*

The IDGF-SP project is a European project with 7 partners led by MTA SZTAKI. IDGF-SP is supported by a Grant from the European Commission's FP7 IST Capacities Programme under grant agreement RI-312297.

*More information on this press release:*

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