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Ninth International Workshop on Algorithms, Models and Tools for Parallel Computing on Heterogeneous Platforms, Bordeaux, France

The Ninth International Workshop on Algorithms, Models and Tools for Parallel Computing on Heterogeneous Platforms will take place on 29 August 2011 in Bordeaux, France.

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 29 August 2011 - 29 August 2011

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Networks of computers are the most common and available parallel architecture now. Unlike dedicated parallel computer systems, networks are inherently heterogeneous. They consist of diverse computers of different performances interconnected via heterogeneous network equipment providing communication links with different latencies and bandwidths.

Traditional parallel algorithms and tools are aimed at homogeneous multiprocessors and cannot be efficiently used for parallel computing on heterogeneous networks. New ideas, dedicated algorithms and tools are needed to efficiently use this new type of parallel architectures.

The workshop will be a forum for stakeholders working on algorithms, programming languages, tools, and theoretical models aimed at efficient problem solutions on heterogeneous networks. For further information, please visit: <http://icl.eecs.utk.edu/heteropar2011/> 

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