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# THIS on the Grid

## Overview

User forum presentation on THIS: *put the link here*

**Phone meeting of 19.03.2008**

## First phase

### Plan

- we assume that all input files are distributed on the Grid before the simulation starts (using JJS or whatever)
- the stop criterion for the simulation is the total number of events performed on all worker nodes
- the execution logic on the worker node - the goal is to reduce the number of output files produced:
  - ◆ download input files
  - ◆ loop while master asks for more events to be simulated
    - ◇ do the simulation of a bunch of events
    - ◇ suspend the application so that the next time the simulation is done the output files are updated
  - ◆ close output files and upload them to a SE
- we use Ganga to submit worker agents and we use DIANE 2 to control the simulation

### Actions

- THIS: please upload the current simulation script run on the worker node
- THIS: please upload the example of the simulation script with suspend functionality
- CERN: prepare the first version of the application plugin to be used with DIANE 2.0
- CERN: send instructions how to try it out in THIS environment
- ALL: try it out and fix until it work 😊

## THIS Computing Environment

- no shared file system between local user PC and the UI
- are there open ports for incoming connections on the UI? to be checked

## Next phases

- probabilistic stop criterion for the simulation -- to be checked if large output files are needed to be transferred back to the master... ???
- ...

-- JakubMoscicki - 19 Mar 2008

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This topic: ArdaGrid > ThISONTheGrid

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