

Status of Computing in Krakow

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- Tools developing
- Ganga and Dirac
- Tier2 structure
- PLGrid+
- GPU computing



Tools developing

- Developing tools for central production.
- Developing of WMS.



Ganga and Dirac

- 2 staff members in ifj are working on Dirac development. Could work on putting it in SuperB.
- 2 staff members in ifj would like to do GUI for ganga.
 - 1 <http://insilicolab.grid.cyfronet.pl/>
 - 2 <http://insilicolab.grid.cyfronet.pl/>
- portals are integrated with Dirac



Tier2 structure

- 1 Upgrade to Tier1 forseen.
- 2 Cracow has a computing center Cyfronet, that is part of Polish Tier2.
- 3 Currently SuperB FastSim is beeing installed in Cracow.
- 4 Very keen on doing central production(if Tier2 is enough).
- 5 People able to do shifts in central produciton.



PLGrid+

- New initiative
- Parallel to normal grid, but you have more freedom. Don't need support from VO.
- Synchronising with data available in VO.
- Constraint: you need to ask for computing grant (from my experience it's 5 min clicking).
- They ask for acknowledgments in published papers.



GPU computing

- 1 Write a Kalman filter using CUDA. First tests for IFR. Possibility to be used in others detectors.
- 2 Study possibility of using FastSim and FullSim on GPU.

