Follow up on MC Request from Higgs/SM Forum

Joey Huston and Bruce Mellado

US ATLAS RAC Meeting, 05/17/07

- At the US ATLAS RAC on 01/31/07 Joey and BM made a request for ~3.5M events to complement central production efforts
  - Samples to be used primarily for $H \rightarrow \gamma\gamma, \tau\tau$ and Z/W+jets csc notes, with applications to other notes
- Worked with Pavel, Kaushik and Jim to setup a mechanism for submission to OSG outside the quotas defined by Central Production
  - Regional production was delayed further due to G4 bug
- At this point US ATLAS regional production is going very well; concentrated on producing simulation so far
  - Setup in Madison almost ready to start massive production. Many thanks to Kaushik et al.

Task name	Task ID	Req Jobs	Done Jobs	Total events	Prio	Grid	Status
misal1_mc12.006105.AlpgenJimmyWenuNp4LooseCut.digit.v12000601	8522	640	640	32000	10	osg	done
misal1_mc12.006104.AlpgenJimmyWenuNp3LooseCut.digit.v12000601	8521	1000	987	50000	10	osg	running
misal1_mc12.006102.AlpgenJimmyWenuNp1LooseCut.digit.v12000601	8520	1000	1000	50000	10	osg	done
misal1_mc12.006101.AlpgenJimmyWenuNp0LooseCut.digit.v12000601	8519	1000	974	50000	10	osg	running
misal1_mc12.006112.AlpgenJimmyWmunuNp5LooseCut.digit.v12000601	8518	200	200	10500	10	osg	done
misal1_mc12.006111.AlpgenJimmyWmunuNp4LooseCut.digit.v12000601	8517	650	646	32500	10	osg	running
misal1_mc12.006110.AlpgenJimmyWmunuNp3LooseCut.digit.v12000601	8516	1000	986	50000	10	osg	running
misal1_mc12.006109.AlpgenJimmyWmunuNp2LooseCut.digit.v12000601	8515	1000	690	50000	10	osg	running
misal1_mc12.006108.AlpgenJimmyWmunuNp1LooseCut.digit.v12000601	8514	1000	919	50000	10	osg	running
misal1_mc12.006107.AlpgenJimmyWmunuNp0LooseCut.digit.v12000601	8513	1000	653	50000	10	osg	running
misal1_mc12.006106.AlpgenJimmyWenuNp5LooseCut.digit.v12000601	8512	210	189	10500	10	osg	running
misal1_mc12.006103.AlpgenJimmyWenuNp2LooseCut.digit.v12000601	8510	1000	999	50000	10	osg	running

Task name	Task ID	Req Jobs	Done Jobs	Total events	Prio	Grid	Status
misal1_mc12.008147.AlpgenJimmyZmumuNp5LooseCut.digit.v12000601	8804	230	154	21500	100	osg	running
misal1_mc12.008146.AlpgenJimmyZmumuNp4LooseCut.digit.v12000601	8802	1000	0	50000	100	osg	submitted
misal1_mc12.008145.AlpgenJimmyZmumuNp3LooseCut.digit.v12000601	8800	1000	202	50000	100	osg	running
misal1_mc12.008144.AlpgenJimmyZmumuNp2LooseCut.digit.v12000601	8799	1000	21	50000	100	osg	running
misal1_mc12.008143.AlpgenJimmyZmumuNp1LooseCut.digit.v12000601	8798	1000	191	50000	100	osg	running
misal1_mc12.008142.AlpgenJimmyZmumuNp0LooseCut.digit.v12000601	8797	1000	0	50000	100	osg	submitted
misal1_mc12.008135.AlpgenJimmyZeeNp5LooseCut.digit.v12000601	8794	340	153	21500	100	osg	running
misal1_mc12.008134.AlpgenJimmyZeeNp4LooseCut.digit.v12000601	8792	1000	137	50000	100	osg	running
misal1_mc12.008133.AlpgenJimmyZeeNp3LooseCut.digit.v12000601	8789	1000	177	50000	100	osg	running
misal1_mc12.008132.AlpgenJimmyZeeNp2LooseCut.digit.v12000601	8788	1000	241	50000	100	osg	running
misal1_mc12.008131.AlpgenJimmyZeeNp1LooseCut.digit.v12000601	8787	1000	164	50000	100	osg	running
misal1_mc12.008130.AlpgenJimmyZeeNp0LooseCut.digit.v12000601	8786	1000	125	50000	100	osg	running

Proposal for $H \rightarrow \gamma\gamma$

- On Wednesday the editors of the Higgs WG CSC notes had a meeting to address issues of MC production. L.Carminati and BM, as the CSC $H \rightarrow \gamma\gamma$ editors, made the following proposal in coordination with the Higgs WG convenors
  - Request signal processes to Central Production (~300K events). Make sure that at least all the final states with M_H=120 GeV are produced with pile-up centrally
  - Assign 1M to Lyon (photon/jet 8095, 8096, for instance)
  - Assign the rest of the events (~3M) to OSG and Wisconsin
    - US ATLAS Resource Allocation Committee already approved 2M. Request of an additional 1M