

Published Papers 2004-2008

**A) NA57**

- 1). “*Study of the transverse mass spectra of strange particles in Pb-Pb collisions at 158-A GeV/c.*”  
By NA57 Collaboration (F.Antinori et al.). Mar 2004, 22pp.  
J. Phys.G: Nucl.Part.Phys. **30** (2004) 823-840
- 2). “*Energy dependence of hyperon production in nucleus nucleus collisions at SPS.*”  
By NA57 Collaboration (F.Antinori et al.). Mar 2004, 8pp.  
Physics Letters B 595, (2004), 68 – 74
- 3). “*Multiplicity of charged particles in Pb-Pb collisions at SPS energies*”  
By NA57 Collaboration (F.Antinori et al.). 2005. 15pp.  
J.Phys.G: Nucl.Part.Phys. **31** (2005) 321-335
- 4). “*Central-to-peripheral nuclear modification factors in Pb-Pb collisions at  $\sqrt{s_{NN}} = 17.3\text{GeV}$* ”  
By NA57 Collaboration (F.Antinori et al), Jul 2005. 13pp.  
Physics Letters B 623, (2005), 17 - 25  
e-Print Archive: **nucl-ex/0507012**
- 5). “*Rapidity distributions around mid-rapidity of strange particles in Pb-Pb collisions at 158-A-GeV/c.*”  
By NA57 Collaboration (F.Antinori et al), Sep 2005. 15pp.  
J.Phys.G: Nucl.Part.Phys. **31** (2005) 1345-1357
- 6). “*Enhancement of hyperon production at central rapidity in 158-A-GeV/c Pb-Pb collisions.*”  
By NA57 Collaboration (F. Antinori et al), Jan 2006. 18pp.  
J.Phys.G**32**: 427-442 (2006)  
e-Print Archive: **nucl-ex/0601021**
- 7). “*Transverse dynamics of Pb-Pb collisions at 40 A GeV/c viewed by strange hadrons*”  
By NA57 Collaboration (F Antinori et al), 2006. 16pp  
J. Phys. G: Nucl. Part. Phys. 32 (2006) 2065-2080
- 8). “*Expansion dynamics of Pb-Pb collisions at 40-A-GeV/c viewed by negatively charged hadrons*”.  
By NA57 Collaboration ((F. Antinori et al) Jan 2007. 29pp.  
Published in J.Phys.G33:403-430,2007.  
e-Print: **nucl-ex/0701020**

## **B) ALICE**

“Estimation of Kaon and Pion Yields from the decay  $K/\pi \rightarrow \mu^+ \nu_\mu$ , kink topology, in one year of Pb-Pb running of the ALICE experiment”

By: A.Belogianni, P.Ganoti, F.Roukoutakis, M.Spyropoulou-Stassinaki

Internal Note/physics

ALICE-INT-2006-012

“Study of  $\Lambda(1520)$  resonance in pp interactions at ALICE and Kaon identification from its decay  $\mu + \mu_\nu$ ”

By M.Spyropoulou-Stassinaki

Proceedings of the 1<sup>st</sup> International Workshop on Soft Physics in ultrarelativistic Heavy Ion Collisions

<http://www.ct.infn.it/SPHIC06/>

«Study of  $\Lambda(1520)$  production in pp interactions at 14 TeV with the ALICE detector»

By P.Ganoti

Proceedings of the International Conference on Strangeness in Quark Matter, Levoca-Slovakia, 24-29/6/2007

J. Phys. G: Nucl. Part. Phys. 35 (2008) 401 – 407

[Physics Performance Report, Vol I](#) ALICE Collaboration *et al* 2004 J. Phys. G: Nucl. Part. Phys. **30** 1517- 1763

[Physics Performance Report, Vol II](#) ALICE Collaboration *et al* 2006 J. Phys. G: Nucl. Part. Phys. **32** 1295-2040