

András LÁSZLÓ, November 2007

Publications

- [1] A. László *et al.* (the NA49 Collaboration):
“High Transverse Momentum Hadron Spectra at $\sqrt{s_{NN}} = 17.3$ GeV, in Pb+Pb and p+p Collisions, Measured by CERN-NA49”;
Physical Review **C77** (2008) 034906.
- [2] A. László:
“A Robust Iterative Unfolding Method for Signal Processing”;
Journal of Physics **A39** (2006) 13621.
- [3] T. S. Bíró, A. László, P. Ván:
“Mass Gap from Pressure Inequalities”;
Journal of Physics **G** (2007) submitted [[arXiv:hep-ph/0612085](https://arxiv.org/abs/hep-ph/0612085)].
- [4] A. László *et al.* (the NA49 Collaboration):
“High $p(T)$ Spectra of Identified Particles Produced in Pb Plus Pb Collisions at 158 GeV/nucleon Beam Energy”;
Nuclear Physics **A774** (2006) 473.
- [5] T. Schuster, A. László *et al.* (the NA49 Collaboration):
“High $p(T)$ Spectra of Identified Particles Produced in Pb+Pb Collisions at 158 A GeV Beam Energy”;
Journal of Physics **G32** (2006) S479.
- [6] A. László *et al.* (the NA49 Collaboration):
“New Results and Perspectives on R_{AA} Measurements Below 20 GeV CM-energy at Fixed Target Machines”;
International Journal of Modern Physics **E16** (2007) 2516.

6 further peer-reviewed publications, as a member of the NA49 Collaboration.

Further Articles

- [7] A. László *et al.* (the NA61 Collaboration):
“Study of Hadron Production in Collisions of Protons and Nuclei at the CERN SPS”;
NA49-future Letter of Intent (2006), Sections 2.2 and 4.2
[[CERN-SPSC-2006-001](https://arxiv.org/abs/CERN-SPSC-2006-001), [SPSC-I-235](https://arxiv.org/abs/SPSC-I-235)].

- [8] A. László *et al.* (the NA61 collaboration):
 “*Study of Hadron Production in Hadron-Nucleus and Nucleus-Nucleus Collisions at the CERN SPS*”;
 NA49-future Proposal (2006), Sections 2.2, 3.5.3 and 4.2
 [CERN-SPSC-2006-034, SPSC-P-330].
- [9] A. László *et al.* (the NA61 Collaboration):
 “*Additional Information Requested in the Proposal Review Process*”;
 Addendum to the NA49-future Proposal (2007), Section 8
 [CERN-SPSC-2007-004, SPSC-P-330].
- [10] A. László:
 “*High Transverse Momentum Identified Charged Particle Yields in 158 GeV/nucleon Pb+Pb Collisions*”;
 NA49 Technical Note (2007).
- [11] A. László:
 “*Calculating Mean Values of Collision Parameters as a Function of Centrality*”;
 NA49 Technical Note (2007).
- [12] A. László:
 “*Time-dependence Calibration of the Veto Calorimeter*”;
 NA49 Technical Note (2006).
- [13] A. László:
 “*Building Calorimetric Detectors for CERN Experiments*”;
 Diploma Thesis, Eötvös University (2004).
- [14] A. László:
 “*Mathematical Clarification of General Relativistic Variational Principles*”;
 Note (2003) [[arXiv:math-ph/0403041](https://arxiv.org/abs/math-ph/0403041)].
- [15] A. László:
 “*An Existence Theorem for Parallel Volume Form Field*”;
 Hajós Differential Geometry Seminar material, Eötvös University (2003).
- [16] Kálmán Kővári, András László:
 “*Numerical Search for Solitons in Classical Field Theories: the Dirac-Maxwell Theory*” in Hungarian;
 ‘TDK’ student article, Eötvös University (2003).

- [17] András László:
“*The Physical Interpretation of the Dirac-Maxwell-Einstein Field Theory, over General Space-Times*” in Hungarian;
‘TDK’ student article, Eötvös University (2000).

Talks on Conferences and Workshops

- [18] A. László (for the NA61 Collaboration):
“*NA61/SHINE at the CERN SPS*”;
Invited talk at Critical Point and Onset of Deconfinement (Darmstadt, 2007);
Proceedings of Science **CPOD07** (2007) 054.
- [19] A. László:
“*High p_T Spectra of Identified Particles Produced in Pb+Pb Collisions at $\sqrt{s} = 17.3$ GeV/nucleon*”;
Invited talk at Heavy Ion Forum (CERN, 2006).
- [20] A. László:
“*Deconvolution of Noisy Data*”;
Talk at Zimányi Winter School (Budapest, 2006).
- [21] A. László:
“*High p_T Spectra of Identified Particles Produced in Pb+Pb Collisions at 158 GeV/nucleon Beam Energy*”;
Talk at RHIC Winter School (Budapest, 2005).
- [22] András László:
“*High Transverse Momentum Identified Charged Particles at 17.3GeV/nucleon Center of Mass Energy*” in Hungarian;
Talk at Hungarian Nuclear Physics Meeting (Jávorkút, 2006).

9 further talks on NA49 Collaboration Meetings.

3 further talks on NA61 Collaboration Meetings.