

Samuel WALLON

Publications et communications

total INSPIRES : 8000+ citations, hHEP=40; publié : 4800+ citations, hHEP=34.

voir liste complète sur INSPIRES :

<https://inspirehep.net/literature?sort=mostrecent&size=25&page=1&q=author%3Asamuel.wallon.1&ui-citation-summary=true>

sur Google Scholar :

<https://scholar.google.fr/citations?user=hkDDVw4AAAAJ&hl=fr>

Tableau récapitulatif :

157 publications dont :

- 55 articles dans des revues internationales à comité de lecture (+1 soumis)
- 86 conférences internationales à comité de lecture et actes publiés
- 16 rapports techniques, propositions d'expériences, synthèses.

102 communications orales dont :

- 60 communications à des ateliers et conférences internationales
- 42 communications à des ateliers nationaux ou séminaires de laboratoire

Liste détaillée des publications (par ordre chronologique) :

Articles dans des revues internationales à comité de lecture :

- [1] E.Buffenoir et S.Wallon, *The correlation length of the Potts model at the first-order transition point*, J. Phys. A : Math. Gen. **26** (1993) 3045-3062.
- [2] H.Navelet, R.Peschanski et S.Wallon, *On the singular behaviour of structure function at low x*, Mod. Phys. Lett. **A9** (1994) 3393-3402.
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- [11] Y. V. Kovchegov, L. Szymanowski et S. Wallon, *Perturbative Odderon in the dipole model*, Phys.Lett.B586 (2004) 267-281.
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- [13] I.V. Anikin, B. Pire, L. Szymanowski, O.V. Teryaev et S. Wallon, *Exotic hybrid mesons in hard electroproduction*, Phys.Rev.D71 (2005) 034021.
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- [15] B. Pire, L. Szymanowski et S. Wallon, *Double diffractive ρ -production in e^+e^- -collisions*, Eur.Phys.J.C44 (2005) 545-558.
- [16] R. Enberg, B. Pire, L. Szymanowski et S. Wallon, *BFKL resummation effects in $\gamma^*\gamma^* \rightarrow \rho\rho$* , Eur.Phys.J.C45 (2006) 759-769 [Erratum-ibid. C **51** (2007) 1015].
- [17] A. Shuvaev et S. Wallon, *High energy evolution of soft gluon cascades*, Eur.Phys.J.C46 (2006) 135-145.
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Conférences internationales à comité de lecture et actes publiés :

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- [c3] S. Wallon, *The equivalence between the color dipole model and the BFKL Pomeron at leading order*, proceedings of the Madrid workshop on small-x physics, « Madrid 1997, Low x Physics » 37-46 [arXiv :hep-ph/9712509].
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Communications orales à des conférences internationales :

- Colloque « HERA Physics », Saclay, 19 mai 1994.
- Conférence « DIS-1995 », Paris, 27 avril 1995.
- Colloque « HERA Physics », Cambridge, 10 juillet 1995.
- XXXIèmes Rencontres de Moriond, QCD et les Interactions Hadroniques à Grande Energie, 27 mars 1996.
- Colloque « HERA Physics », Durham, 20 juin 1996.
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- Colloque « Low-x Physics », Nauplie, 4 juin 2003.
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- *Exposé de revue invité*, Conférence « Elastic and Diffractive Scattering », DESY, Hambourg, 25 mai 2007.
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- 2 exposés, « Europhysics Conference on High Energy Physics », Cracovie, 17 et 18 juillet 2009.
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- Colloque international « Nucleon and nucleus structure studies with a LHC fixed-target experiment and electron-ion colliders », IPN Orsay, 21 octobre 2011.
- 2012 Annual CMS Workshop on Forward and small-x QCD physics, 31 janvier 2012.
- Conférence internationale QNP 2012, Ecole Polytechnique, 18 avril 2012.

- Colloque international « SPRING 2012 AFTER Meeting », Grenoble, 11 mai 2012.
- *Exposé de revue invité*, International Symposium on Multiparticle Dynamics ISMD 2012, Kielce, Pologne, 20 septembre 2012.
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- *Exposé invité*, Conférence « DVCS : From Observables to GPDs », Bochum, 12 février 2014.
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- Conférence « 2015 EDS Blois », Borgo, France, 30 juin 2015 (et *co-organisateur et « convener »*).
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- *Exposé invité*, Kick-off of the "RBI-T-WINNING" project, Ruđer Bošković Institute, Zagreb, Croatie, 4 février 2016.
- *Exposé invité*, DIFFRACTION 2016, Acireale, Italie, 6 septembre 2016.
- *Exposé invité*, Atelier international "Nucleon and Resonances Structure with Hard Exclusive Processes", IPNO, Orsay, 29 mai 2017.
- Workshop "Getting to Grips with QCD", Paris, 4 avril 2018 (et *co-organisateur*).
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- Workshop "Getting to Grips with QCD", Primošten, 20 septembre 2018 (et *co-organisateur*).
- *Exposé de revue invité*, Atelier international "Towards accuracy at small x", Higgs Centre for Theoretical Physics, Edimbourg, 12 septembre 2019.
- 2 contributions à la Conférence « LC 2019 », Palaiseau, 16 et 17 septembre 2019.
- *General Introduction (invité)*, Workshop "Prospects on various aspects of the dilepton probe in hadronic physics", IJCLab, Orsay, 25 novembre 2021.
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- Rencontres Nationales de Physique des Particules, Montpellier, 13 octobre 1994.
- Journées Jeunes Chercheurs, Carry-Le Rouet, 12 décembre 1994.
- Cours du Jeudi, Service de Physique des Particules, Saclay, 2 février 1995.
- Séminaire du « Groupe Conforme », Saclay, 23 mai 1995.
- Journée des Thèses, Saclay, 1er juin 1995.
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- Colloque du SPhT, Colleville, Normandie, 25 septembre 1996.
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- Séminaire du lundi, IPN d'Orsay, 24 mars 1997.
- Séminaire du laboratoire, LPTPE, Paris, 23 avril 1997.
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- Présentation des laboratoires de l'Université Paris 6, 12 janvier 1999.
- Animation d'un groupe de travail sur la physique à petit x au LPTPE de janvier à mars 1999.
- Séries de 2 séminaires à l'Ecole Polytechnique et à l'IPN, 25 janvier 2001 et 1er février 2001
- Séminaire invité au Congrès de la Société Française de Physique, Strasbourg, 12 juillet 2001.
- Séminaire de Physique des Particules, SPhT Saclay, 30 mars 2005.
- Séminaire commun IPN-CPhT, Orsay, 16 octobre 2008.
- Série de cours à l'Ecole GDR Nucléon, SPhN, Saclay, 8-11 décembre 2008.
- Séminaire de Physique des Particules, LPT, Orsay, 22 janvier 2009.
- Rencontre des théoriciens des particules, Ecole Polytechnique, Palaiseau, 24 mars 2009.
- Bilan P2I « Interaction forte et matière dans les états extrêmes », IAP, Paris, 4 février 2010.
- Mini-colloque IPhT Saclay, 16 mai 2010.
- Exposé de revue invité, assemblée plénière du GDR Nucléon, Saclay, 26 novembre 2010.
- Colloque ANR, Strasbourg, 24 mars 2011.
- Séminaire général invité de l'IPN, 4 avril 2011.
- Séminaire invité « High Energy Physics », Dept. of Physics and Astronomy, University College, Londres, 15 avril 2011.
- Assemblée plénière du GDR-PH-QCD annual meeting 2012, IPN, Orsay, 7 décembre 2012.
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- Séminaire du LPTHE, Paris, 12 avril 2013.
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- Exposé invité, Heavy-Ions Meeting, IPhT, 23 mars 2016.
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- Atelier "Partons and Nuclei" du GDR QCD, IPNO, Orsay, 1er juin 2017.
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- Assemblée plénière du GDR QCD, Palaiseau, 27 novembre 2018.
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