

Laurent S. NADOLSKI

Physicien des Accélérateurs

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Formation

- 1998–2001 **Thèse en Physique des Accélérateurs**, *Université Paris XI*, Orsay.
Application de l'Analyse en Fréquence à l'Étude de la Dynamique des Accélérateurs
Institut de Mécanique Céleste, directeur de thèse : J. Laskar
Correspondant CEA : A. Mosnier
Contrat de Formation par la Recherche du Commissariat à l'Énergie Atomique.
- 1997–1998 **DEA de Physique Subatomique, Modélisation et Instrumentation**, *Université Louis Pasteur (U.L.P.)*, Strasbourg, Spécialisation en physique subatomique fondamentale.
Major de la promotion avec mention Très Bien
- 1995–1998 **Ingénieur de l'E.N.S.P.S.**, *École Nationale Supérieure de Physique de Strasbourg*, *Major de la promotion Blaise Pascal*.
- 1998 **Certificat de personne compétente en radioprotection contre les rayonnements ionisants sous forme scellée (attestation ministérielle)**, *Institut de Recherches Subatomiques de Strasbourg (I.R.e.S.)*, Strasbourg.
- 1995–1996 **Licence de Physique**, *Université Louis Pasteur (U.L.P.)*, Strasbourg.
- 1993–1995 **Math Sup., Math Spé. P'**, *Lycée Michelet*, Vanves (92).
- 1992–1993 **Baccalauréat série C**, *Lycée Michelet*, Vanves (92).

Expérience

Professionnelle

- Septembre 2002 à aujourd'hui **Physicien des Accélérateurs**, *Synchrotron SOLEIL*, Gif-sur-Yvette, Groupe Physique des Accélérateurs.
- Activités
- 2011– présent Coordinateur de l'anneau de stockage
 - 2002– présent Coordinateur du contrôle commande des accélérateurs
 - Optimisation du feedback lent d'orbite, stabilité d'orbite, étude de la dynamique non linéaire de l'anneau de stockage.
 - 2005–2006 Commissioning des accélérateurs de SOLEIL
 - Modélisation de la dynamique linéaire et non linéaire de SOLEIL
 - Responsable des applications haut niveau de SOLEIL, du linac aux têtes de lignes
 - Responsable du code de calcul TRACY-III
 - Responsable du Matlab Middle Layer (TANGO)

2001-2002 **Post-doctorat à l'Advanced Light Source (Lawrence Berkeley National Laboratory)**, *Groupe Physique des Accélérateurs*, Berkeley, U.S.A..

Dynamique linéaire et non-linéaire

Réalisations

- Étude de faisabilité d'une ligne femto-seconde à l'ALS
- Poursuite de l'étude de la dynamique off-momentum de l'ALS
- Participation au commissioning d'un Apple-II et d'une nouvelle chicane et d'un feedback d'orbite.
- Étude de l'impact des éléments d'insertion sur les performances machine

Septembre 2001–
octobre 2001 **Lawrence Berkeley National Laboratory**, Berkeley, U.S.A., Participation au *commissioning* des aimants supraconducteurs de l'Advanced Light Source.

Divers

Séjours Divers **Bessy-II (Berlin), SPEAR3 (USA), Berkeley (USA), NSLS (USA), LNLS (Brésil), PLS-II (Corée), TLS (Taiwan), SESAME (Jordanie).**

Commissioning des accélérateurs, enseignements et formations

Langues

Anglais Courant

Allemand Niveau scolaire

Chinois Grand Débutant

Sanskrit Grand Débutant

Informatique

Accélérateurs BETA, DESPOT, LOCO, MAD8, MADX, ELEGANT, TRACY-III, ACCELERATOR TOOLBOX

Langages C, C++, PASCAL, FORTRAN, \LaTeX , HTML, PYTHON, BASH, TANGO

Systèmes MS-DOS, GNU/LINUX, UNIX, WINDOWS, MAC OSX

Mathématiques MATLAB, MAPLE, MATHEMATICA

Intérêts

Yoga Professeur de Yoga certifié de l'Institut Français de Yoga (I.F.Y.)

Chant Professeur de Chant Védique certifié du Krishnamacharya Yoga Mandiram (Madras, Inde)

Autres

- Membre du Conseil d'Administration de VIFY Ile-de-France
- Referee pour Nuclear Instrumentation and technologies NIM-A, PRST-AB
- **Enseignement** : Master NPAC, Ecole Hercules, Ecole CAS
- Membre des Sociétés Française et Américaine de Physique (SFP, APS)

Prix

2007 **Prix Jean-Louis Laclare de l'interdivision Accélérateur de la SFP**

Stages et travaux encadrés

- 2012–2015 **X. Gavalga**, *Encadrant Thèse*, SOLEIL performance improvement using optimization based on genetic algorithms, Université Paris XI.
- 2010–2012 **J. Zhang**, *Post-doctorat de 2 ans*, Dynamique non-linéaire et code de simulations.
- 2012 (2mois) **Stage L3**, *École ECE*, C. Leclercq, Réalisation du WIKI du groupe Physique des Accélérateurs.
- 2012 (5mois) **Stage M2**, *École ECE*, R. Yogalingam, Ecriture d'un traducteur de mailles entre codes de simulation numérique.
- 2011 (4mois) **Stage M2**, *Master APIM, Université Paris XI*, F. Talbi, Linéarisation de la réponse des BPM à grande amplitude.
- 2004–2006 **AI**, *Synchrotron SOLEIL*, R. Cuoq, S. Petit, Y. Denis, X. Delétoille, Réalisation des applications de haut niveau pour piloter les accélérateurs.

Documents joints : liste des publications, présentations et cours

Thèses et mémoires

- [T1] L. S. Nadolski. *Application de L'Analyse en Fréquence à L'Étude de la Dynamique des Sources de Lumière*. PhD thesis, Université Paris Sud-Paris XI, July 2001.
- [T2] L. S. Nadolski. Étude préliminaire de la Stabilité des Faisceau de l'Anneau de Stockage SOLEIL en utilisant l'Analyse en Fréquence. Technical Report Master Thesis, CRStage/ProgrammeSources/77.98/LN, CNRS-CEA, 1998.
- [T3] L. S. Nadolski. Vérification à l'aide d'un modèle simplifié des principaux résultats sur la stabilité de l'évolution de l'axe de rotation de la terre sur 20 millions d'années. Technical report, Bureau des Longitudes, Paris, France, 1997. Sous la direction de J. Laskar (ASD).
- [T4] L. S. Nadolski and F. Lavaud. Ajustement de paramètres. Technical report, University Louis Pasteur, Strasbourg, France, Dec 1997.
- [T5] L. S. Nadolski. Étude des orages radioélectriques solaires et détermination de leurs caractéristiques sur la période du 15 au 19 octobre 1995 (soleil calme) – mécanisme d'émission et correspondance avec les structures magnétiques des boucles coronales. Technical report, Observatoire de Paris-Meudon-Nançay, Meudon, France, 1996. Sous la direction de G. Trottet (DASOP).
- [T6] L. S. Nadolski and F. Werth. Fonction de transfert de modulation et déconvolution. Rapport de projet, E.N.S.P.S, Strasbourg, France, May 1996.

Journaux à comité de lecture

- [J1] N. Hubert and L. S. Nadolski. Synchrotron SOLEIL orbit feedback systems. *To be submitted to Phys. Rev. ST Accel. Beams*, 2013.

- [J2] M. Attal, P. Brunelle, A. Loulergue, A. Nadji, L. S. Nadolski, and M.-A. Tordeux. Dynamics of three simultaneously stored beams in the SOLEIL storage ring. *Submitted to Phys. Rev. ST Accel. Beams*, 2013.
- [J3] J. Zhang, L. Cassinari, M. Labat, A. Nadji, L. S. Nadolski, and D. Pédeau. Precise beam energy measurement using resonant spin depolarization in the SOLEIL storage ring. *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, 697(0):1 – 6, 2013.
- [J4] J. Barros, L. Manceron, J.-B. Brubach, G. Creff, C. Evain, M.-E. Couprie, A. Loulergue, L. S. Nadolski, M.-A. Tordeux, and P. Roy. Toward highly stable terahertz coherent synchrotron radiation at the synchrotron SOLEIL. *Journal of Physics: Conference Series*, 359(1):012002, 2012.
- [J5] P. Lerch, P. Dumas, T. Schilcher, A. Nadji, A. Luedeke, N. Hubert, L. Cassinari, M. Boege, J.-C. Denard, L. Stingelin, L. S. Nadolski, T. Garvey, S. Albert, Ch. Gough, M. Quack, J. Wamback, M. Dehler, and J.-M. Filhol. Assessing noise sources at synchrotron infrared ports. *Journal of Synchrotron Radiation*, 19(1):1–9, 2011.
- [J6] M.-E. Couprie, J.-M. Filhol, C. Benabderrahmane, P. Berteaud, J.-C. Besson, F. Briquez, P. Brunelle, C. Bruni, O. Chubar, J.-C. Denard, M. Girault, J. M. Godefroy, C. Herbeaux, P. Lebasque, V. Le Roux, M.-P. Level, A. Lestrade, A. Loulergue, P. Marchand, O. Marcouillé, F. Marteau, M. Massal, A. Nadji, L. S. Nadolski, R. Nagaoka, F. Paulin, B. Pottin, M.-A. Tordeux, M. Valléau, J. Vétéran, B. Carré, D. Garzella, M. Labat, G. Lambert, P. Monot, M. Jablonka, F. Méot, A. Mosnier, J. R. Marquès, and J. M. Ortéga. First operation of SOLEIL, a third generation synchrotron radiation source in France and prospects for ARC-EN-CIEL, a LINAC based fourth generation source. *Nuclear Instruments and Methods in Physics Research A*, 575(1):7–10, May 2007.
- [J7] D. Robin, J. Krupnick, R. Schlueter, C. Steier, S. Marks, B. Wang, J. Zbasnik, R. Benjegerdes, A. Biocca, P. Bish, W. Brown, W. Byrne, J. Chen, W. Decking, J. DeVries, W.R. DeMarco, M. Fahmie, A. Geyer, J. Harkins, T. Henderson, J. Hinkson, E. Hoyer, D. Hull, S. Jacobson, J. McDonald, P. Molinari, R. Mueller, L. Nadolski, H. Nishimura, K. Nishimura, F. Ottens, J.A. Paterson, P. Pipersky, G. Portmann, A. Ritchie, S. Rossi, B. Salvant, T. Scarvie, A. Schmidt, J. Spring, C. Taylor, W. Thur, C. Timossi, and A. Wandesforde. Superbend upgrade on the advanced light source. *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, 538:65 – 92, 2005.
- [J8] L. S. Nadolski and J. Laskar. Review of single particle dynamics for third generation light sources through frequency map analysis. *Physical Review Special Topics-Accelerators and Beams*, 6(11):114801, 2003.
- [J9] C. Steier, D. S. Robin, L. S. Nadolski, W. Decking, Y. Wu, and J. Laskar. Measuring and optimizing the momentum aperture in a particle accelerator. *Physical Review E*, 65(5):056506, 2002.

- [J10] D. S. Robin, C. Steier, J. Laskar, and L. S. Nadolski. Global dynamics of the advanced light source revealed through experimental frequency map analysis. *Physical review letters*, 85(3):558–561, 2000.

Conférences internationales

- [C1] H. Abualrob, P. Brunelle, M.-E. Couprie, O. Marcouillé, A. Nadji, L. S. Nadolski, and R. Nagaoka. SOLEIL emittance reduction using a Robinson wiggler. In *Proceedings of the third International Particle Accelerator Conference*, pages 702–704, New Orleans, Louisiana, USA, 2012.
- [C2] L. S. Nadolski. Lessons learned from machine studies on existing rings. In *Contribution to the Future Light Source Workshop*, Stanford, CA, USA, 2012. SLAC.
- [C3] N. Hubert, L. Cassinari, and L. S. Nadolski. Introduction of photon bpps in SOLEIL global orbit feedback systems. In *Proceedings of the first International Beam Instrumentation Conference*, pages 1–3, Tsukuba, Japan, 2012.
- [C4] R. Nagaoka, P. Brunelle, L. S. Nadolski, and A. Nadji. Study of a lower emittance lattice at SOLEIL. In *Proceedings of the third International Particle Accelerator Conference*, pages 1155–1157, New Orleans, Louisiana, USA, 2012.
- [C5] M.-A. Tordeux, J. Barros, A. Bence, P. Brunelle, N. Hubert, M. Labat, A. Nadji, L. S. Nadolski, and C. Evain. Low-alpha operation for the SOLEIL storage ring. In *Proceedings of the third International Particle Accelerator Conference*, pages 1608–1609, New Orleans, Louisiana, USA, 2012.
- [C6] L. S. Nadolski. Horizontal Emittance Reduction Using a Robinson Wiggler. In *Low Emittance Ring Workshop*, Heraklion, Greece, 2011.
- [C7] L. S. Nadolski. Status Report of SOLEIL. In *Contribution to the 19th Annual Workshop on European Synchrotron Light Sources*, Aarhus, Denmark, 2011.
- [C8] L. S. Nadolski. Horizontal Emittance Reduction Using a Robinson Wiggler. In *Contribution to the 19th Annual Workshop on European Synchrotron Light Sources*, Aarhus, Denmark, 2011.
- [C9] P. Brunelle, F. Briquez, A. Loulergue, O. Marcouillé, A. Nadji, L. S. Nadolski, M.-A. Tordeux, and J. Zhang. New optics for the SOLEIL storage ring. In *Proceedings of the Second International Particle Accelerator Conference*, pages 2124–2126, San Sebastián, Spain, 2011.
- [C10] N. Hubert, L. Cassinari, J.-C. Denard, P. Lebasque, L. S. Nadolski, and D. Pédeau. SOLEIL beam orbit stability improvements. In *Proceedings of the Second International Particle Accelerator Conference*, pages 1156–1158, San Sebastián, Spain, 2011.
- [C11] J.-P. Lavieville, L. S. Nadolski, D. Muller, R. B. El Fekih, and G. sur Yvette. Design power supply considerations to compensate booster power supplies

effects on the SOLEIL storage ring. In *Proceedings of the Second International Particle Accelerator Conference*, pages 3335–3337, San Sebastián, Spain, 2011.

- [C12] A. Nadji, P. Brunelle, M.-E. Couprie, J.-C. Denard, J.-M. Filhol, J.-F. Lamarre, P. Lebasque, A. Loulergue, P. Marchand, R. Nagaoka, L. S. Nadolski, et al. Operation and performance upgrade of the SOLEIL storage ring. In *Proceedings of the Second International Particle Accelerator Conference*, pages 3002–3004, San Sebastián, Spain, 2011.
- [C13] A. Nadji, S.A. Ghannam, H. R. Hoorani, Z. Qazi, I. Saleh, J.-F. Gournay, E. Matias, G. Wright, M. Heron, P. Betinelli-Deck, L. S. Nadolski, et al. The sesame project. In *Proceedings of the thirteenth International Conference on Accelerator and Large Experimental Control Systems*, pages 31–35, Grenoble, France, 2011.
- [C14] L. S. Nadolski. Methods and tools to simulate and analyze non-linear dynamics in electron storage rings. In *Proceedings of the Second International Particle Accelerator Conference*, pages 937–941, San Sebastián, Spain, 2011.
- [C15] L. S. Nadolski, J.-P. Lavieville, P. Lebasque, A. Nadji, J.-P. Ricaud, M. Silly, and F. Sirotti. First measurements with a kicked off axis bunch for pseudo single bunch mode studies at SOLEIL. In *Proceedings of the Second International Particle Accelerator Conference*, pages 2912–2914, San Sebastián, Spain, 2011.
- [C16] J.-P. Ricaud, P. Betinelli-Deck, J. Bisou, X. Elattaoui, C. Laulhé, P. Monteiro, and L. S. Nadolski. The timbel synchronization board for time resolved experiments at synchrotron SOLEIL. In *Proceedings of the thirteenth International Conference on Accelerator and Large Experimental Control Systems*, pages 2036–2038, Grenoble, France, 2011.
- [C17] J. Zhang, L. Cassinari, M. Labat, A. Nadji, L. S. Nadolski, and D. Pédeau. Experiments to measure electron beam energy using spin depolarization method on SOLEIL storage ring. In *Proceedings of the Second International Particle Accelerator Conference*, page 2915, San Sebastián, Spain, 2011.
- [C18] P. Brunelle, A. Loulergue, A. Nadji, L. S. Nadolski, and M.-A. Tordeux. Non linear beam dynamics studies at SOLEIL using experimental frequency map analysis. In *Proceedings of the First International Particle Accelerator Conference*, pages 4653–4655, Kyoto, Japan, 2010.
- [C19] C. Evain, M.-E. Couprie, A. Loulergue, L. S. Nadolski, M.-A. Tordeux, J. Barros, L. Manceron, J.-B. Brubach, G. Creff, and P. Roy. Terahertz coherent synchrotron radiation at the synchrotron SOLEIL. In *35th International Conference on Infrared Millimeter and Terahertz Waves (IRMMW-THz)*, page 1, Rome, Italy, sept. 2010. IEEE.
- [C20] J.-M. Filhol, A. Nadji, J.-C. Besson, P. Brunelle, L. Cassinari, M.-E. Couprie, J.-C. Denard, C. Herbeaux, N. Hubert, J.-F. Lamarre, L. S. Nadolski, et al. Operation and performance upgrade of the SOLEIL storage ring. In *Proceedings*

of the *First International Particle Accelerator Conference*, pages 2493–2495, Kyoto, Japan, 2010.

- [C21] A. Loulergue, C. Benabderrahmane, F. Bouvet, P. Brunelle, M.-E. Couprie, J.-C. Denard, T. Moreno, A. Nadji, L. S. Nadolski, F. Polack, et al. Double low beta straight section for dual canted undulators at SOLEIL. In *Proceedings of the First International Particle Accelerator Conference*, pages 2496–2498, Kyoto, Japan, 2010.
- [C22] J.-M. Filhol, A. Nadji, P. Brunelle, L. Cassinari, M.-E. Couprie, J.-C. Denard, C. Herbeaux, N. Hubert, J.-F. Lamarre, J.-P. Lavieville, P. Lebasque, M.-P. Level, A. Loulergue, P. Marchand, L. S. Nadolski, R. Nagaoka, and M.-A. Tordeux. Operation and performance upgrade of the SOLEIL storage ring. In *Proceedings of the twenty third Particle Accelerator Conference*, Vancouver, BC, Canada, 2009. IEEE.
- [C23] L. S. Nadolski. Coupling Effects at SOLEIL. In *Contribution to the 17th Annual Workshop on European Synchrotron Light Sources*, Hamburg, Germany, 2009.
- [C24] L. S. Nadolski. Progress Report on Synchrotron SOLEIL. In *Contribution to the 17th Annual Workshop on European Synchrotron Light Sources*, Hamburg, Germany, 2009.
- [C25] N. Hubert, L. Cassinari, J.-C. Denard, A. Nadji, and L. S. Nadolski. Global orbit feedback systems down to dc using fast and slow correctors. In *Proceedings of the ninth European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators*, pages 27–31, Basel, Switzerland, 2009.
- [C26] F. Marteau, C. Benabderrahmane, P. Berteaud, F. Briquez, P. Brunelle, L. Chapuis, M.-E. Couprie, T. El Ajjouri, J.-M. Filhol, C. Kitegi, L. S. Nadolski, et al. Development and installation of insertion devices at SOLEIL. In *Proceedings of the twenty third Particle Accelerator Conference*, pages 2453–2455, Vancouver, BC, Canada, 2009. IEEE.
- [C27] L. S. Nadolski, L. Cassinari, J.-P. Daguerre, J.-C. Denard, J.-M. Filhol, N. Hubert, N. Leclercq, and A. Nadji. Beam position orbit stability improvement at SOLEIL. In *Proceedings of the twenty third Particle Accelerator Conference*, pages 4141–4143, Vancouver, BC, Canada, 2009. IEEE.
- [C28] M.-A. Tordeux, P. Brunelle, A. Loulergue, A. Nadji, and L. S. Nadolski. Linear and non-linear model optimisation for SOLEIL storage ring. In *Proceedings of the twenty third Particle Accelerator Conference*, pages 3931–3933. PAC, 2009.
- [C29] G. Vanbavinckhove, M. Aiba, A. Nadji, L. S. Nadolski, R. Tomás, and M.-A. Tordeux. Linear and non-linear optics measurements at SOLEIL. In *Proceedings of the twenty third Particle Accelerator Conference*, pages 3877–3879, Vancouver, BC, Canada, 2009. IEEE.

- [C30] N. Hubert, L. Cassinari, J.-C. Denard, J.-M. Filhol, N. Leclercq, A. Nadji, L. S. Nadolski, and D. Pédeau. Commissioning of SOLEIL fast orbit feedback system. In *Proceedings of the Eleventh European Particle Accelerator Conference*, pages 3248–3250, Genoa, Italy, 2008.
- [C31] F. Briquez, P. Brunelle, O. Chubar, M.-E. Couprie, J.-M. Filhol, O. Marcouillé, F. Marteau, A. Nadji, L. S. Nadolski, M. Valléau, and J. Vétéran. Commissioning of the electromagnetic insertion devices at SOLEIL. In *Proceedings of the Eleventh European Particle Accelerator Conference*, pages 2237–2239, Genoa, Italy, 2008.
- [C32] P. Brunelle, C. Benabderrahmane, F. Briquez, O. Chubar, O. Marcouillé, F. Marteau, A. Nadji, and L. S. Nadolski. Experimental characterization of the insertion device effects on beam dynamics at SOLEIL. In *Proceedings of the Eleventh European Particle Accelerator Conference*, Genoa, Italy, 2008.
- [C33] O. Chubar, P. Brunelle, M.-E. Couprie, J.-M. Filhol, A. Nadji, and L. S. Nadolski. Observation and interpretation of dynamic focusing effects introduced by apple II undulators on electron beam at SOLEIL. In *Proceedings of the Eleventh European Particle Accelerator Conference*, pages 2249–2251, Genoa, Italy, 2008.
- [C34] J.-M. Filhol, A. Nadji, J.-C. Besson, F. Bouvet, P. Brunelle, L. Cassinari, M.-E. Couprie, J.-C. Denard, C. Herbeaux, J.-F. Lamarre, J.-P. Lavieville, P. Lebasque, M.-P. Level, A. Loulergue, P. Marchand, L. S. Nadolski, R. Nagaoka, and M.-A. Tordeux. Operation status and performances upgrade on SOLEIL storage ring. In *Proceedings of the Eleventh European Particle Accelerator Conference*, pages 2493–2495, Genoa, Italy, 2008.
- [C35] N. Hubert, L. Cassinari, J.-C. Denard, J.-M. Filhol, N. Leclercq, A. Nadji, L. S. Nadolski, and D. Pédeau. Commissioning of SOLEIL fast orbit feedback system. In *Proceedings of the thirteenth Beam Instrumentation Workshop*, pages 337–341, Tahoe City, California, USA, 2008.
- [C36] L. S. Nadolski, P. Brunelle, J.-P. Lavieville, P. Lebasque, A. Nadji, and M.-A. Tordeux. First frequency maps for probing the non-linear dynamics of SOLEIL. In *Proceedings of the Eleventh European Particle Accelerator Conference*, pages 3128–3130, Genoa, Italy, 2008.
- [C37] L. S. Nadolski, J.-C. Besson, F. Bouvet, P. Brunelle, L. Cassinari, J.-C. Denard, J.-M. Filhol, N. Hubert, J.-F. Lamarre, A. Loulergue, A. Nadji, D. Pédeau, and M.-A. Tordeux. Orbit stability status and improvement at SOLEIL. In *Proceedings of the Eleventh European Particle Accelerator Conference*, pages 3134–3136, Genoa, Italy, 2008.
- [C38] L. S. Nadolski. Use of LOCO at synchrotron SOLEIL. In *Proceedings of the Eleventh European Particle Accelerator Conference*, pages 3131–3133, Genoa, Italy, 2008.

- [C39] J.-M. Filhol, M.-E. Couprie, M.-P. Level, J.-C. Besson, P. Brunelle, J.-C. Denard, J. M. Godefroy, C. Herbeaux, P. Lebasque, V. Le Roux, A. Lestrade, A. Loulergue, P. Marchand, A. Nadji, L. S. Nadolski, R. Nagaoka, B. Pottin, and M.-A. Tordeux. Status of the Commissioning of SOLEIL. In J.-Y. Choi and S. Rah, editors, *Synchrotron Radiation Instrumentation*, volume 879 of *American Institute of Physics Conference Series*, pages 3–8, January 2007.
- [C40] N. Hubert, L. Cassinari, J.-C. Denard, N. Leclercq, A. Nadji, L. S. Nadolski, and D. Pedeau. The SOLEIL BPM and orbit feedback systems. In *Proceedings of the Seventh European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators Proceedings of the eighth European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators*, pages 189–191, Venice, Italy, 2007.
- [C41] A. Nadji, J.-C. Besson, F. Bouvet, P. Brunelle, A. Buteau, L. Cassinari, M.-E. Couprie, J.-C. Denard, J.-M. Filhol, C. Herbeaux, L. S. Nadolski, et al. Commissioning and performance of SOLEIL. In *Proceedings of the twenty second Particle Accelerator Conference*, pages 932–934, Albuquerque, New Mexico, USA, 2007. IEEE.
- [C42] L. S. Nadolski, J.-C. Besson, P. Brunelle, A. Buteau, L. Cassinari, M.-E. Couprie, J.-C. Denard, J.-M. Filhol, C. Herbeaux, and J.-F. Lamarre. Status of the SOLEIL project. In *Proceedings of the fourth Asian Particle Accelerator Conference*, pages 578–582, RRCAT, Indore, India, 2007.
- [C43] L. S. Nadolski. Analysis of optics measurements – SOLEIL commissioning. In *Contribution to the 14th Annual Workshop on European Synchrotron Light Sources*, Gif-Sur-Yvette, France, 2006. SOLEIL.
- [C44] J.-M. Filhol, J.-C. Besson, P. Brunelle, M.-E. Couprie, J.-C. Denard, J.-M. Godefroy, C. Herbeaux, P. Lebasque, A. Lestrade, M.-P. Level, A. Loulergue, P. Marchand, J.-L. Marlats, A. Nadji, L. S. Nadolski, R. Nagaoka, B. Pottin, V. Le Roux, and M.-A. Tordeux. Overview of the status of the SOLEIL project. In *Proceedings of the Tenth European Particle Accelerator Conference*, pages 2723–2727, Edinburgh, Scotland, 2006.
- [C45] A. Buteau, P. Betinelli, and L. S. Nadolski. Status of SOLEIL control systems. In *Proceedings of the Tenth European Particle Accelerator Conference*, volume 6, pages 3053–3055, Edinburgh, Scotland, 2006.
- [C46] A. Madur, P. Brunelle, A. Nadji, and L. S. Nadolski. Beam based alignment for the storage ring multipoles of synchrotron SOLEIL. In *Proceedings of the tenth European Particle Accelerator Conference*, pages 1939–1941, Edinburgh, Scotland, 2006.
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