

CURRICULUM VITAE

Benoît Blossier

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Education and positions

since 2014 Habilitation to supervise researches

since 2009 Associate Researcher (Chargé de Recherches au CNRS),
staff member of the LPT Orsay

2006-2008 DESY Zeuthen (Post-doc)

2003-2006 Laboratoire de Physique Théorique, Université Paris-Sud XI (PhD)

2000-2003 Ecole Normale Supérieure, Paris (Graduate School)

Trainings

2003 Study of the $B \rightarrow J/\Psi K_s$ decay channel on the BABAR detector

2002 Modelization of the photon scattering in a cloudy layer

2001 Numerical simulations of quantum vortices in rotating Bose-Einstein
condensates

Research topics

Lattice QCD, Flavour Physics, CP violation in and beyond the Standard Model

66 publications: 31 articles in peer reviewed journals, 1 article in vulgarisation journals, 1 book edited by a government institution, 33 articles in peer reviewed conference proceedings

List of 5 publications

D. Bećirević, B. Blossier, Ph. Boucaud, G. Herdoiza, J.P. Leroy, A. Le Yaouanc, V. Morénas, O. Pène, "Lattice measurement of the Isgur-Wise functions $\tau_{1/2}$ and $\tau_{3/2}$ ", Phys. Lett. B **609**, 298 (2005)

I. Bigi, B. Blossier, A. Le Yaouanc, L. Oliver, A. Oyanguren, O. Pène, P. Roudeau and J. C. Raynal, "Memorino on the '1/2 vs. 3/2 Puzzle' in $\bar{B} \rightarrow l\bar{\nu}X_c$ - a Year Later and a Bit Wiser", Eur. Phys. J C **52**, 975 (2007)

B. Blossier, M. Della Morte, G. von Hippel, T. Mendes and R. Sommer, "On the generalized eigenvalue method for energies and matrix elements in lattice field theory", JHEP **0904**, 094 (2009)

B. Blossier *et al.* [ETM Collaboration], "Pseudoscalar decay constants of kaon and D-mesons from $N_f=2$ twisted mass Lattice QCD", JHEP **0907**, 043 (2009)

B. Blossier, Ph. Boucaud, M. Brinet, F. De Soto, X. Du, V. Morénas, O. Pène, K. Petrov, J. Rodriguez-Quintero, "The Strong running coupling at τ and Z_0 mass scales from lattice QCD", Phys. Rev. Lett. **108**, 262002 (2012)