

**Julien SOHIER**

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Born May 09th 1981 in  
Mulhouse (Haut-Rhin, France)  
French

Laboratoire d'Analyse et de  
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Université Paris-Est Créteil  
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94010 Créteil Cedex  
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**Curriculum**

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- September 2015** Assistant Professor University of Paris 12  
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- January 2013 – September 2015** Postdoctoral position at TU Eindhoven (The Netherlands)
- September 2011– December 2012** Postdoctoral position at University Roma Tre (Italy)
- 2010–2011** ATER at the University of Paris 9
- 2006–2010** PhD thesis (defended November 19th, 2010) "On pinning models and random walk fluctuation theory" under the direction of Giambattista Giacomin at the University of Paris 7.

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**Publications.**

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- [1] Finite size scaling for homogeneous pinning models. *Alea* 6, 163–177 (2009).
- [2] The critical phase for the strip wetting model. *Annales de l'IHP* 49, Number 2 (2013), 483–505.
- [3]  $\star$ -scale invariant random measures with R. Rhodes and V. Vargas, *Annals of Probability*, 42, Number 2 (2014), 689–724.
- [4] A comparison between different cycle decompositions for Metropolis dynamics with E. Cirillo and F. Nardi, *Markov Processes and Related Fields* to appear, 2015.
- [5] Conditioned, restricted measures and metastability with R. Fernandez, F. Manzo, F. Nardi and E. Scoppola, *The Annals of Applied Probability* to appear, 2015.
- [6] The scaling limits of the non critical strip wetting model *Stochastic Processes and their Applications*, Vol. 125, Number 8 (2015), 3075–3103.
- [7] Metastability for general dynamics with rare transitions: escape time and critical configurations with E. Cirillo and F. Nardi, *Journal of Statistical Physics*, 161, Issue 2 (2015), 365–403.
- [8] The approach to equilibrium for a directed  $(1 + d)$  dimensional polymer with P. Caputo, *Annales de l'Institut Blaise Pascal* to appear, 2015
- A functional limit convergence towards brownian excursion. *unpublished note*

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**Submitted work.**

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[9] Hierarchical pinning model: strong disorder irrelevance in the  $B = s$  case. *submitted*

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**Languages and computer science.**

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**English, french,** fluent.

**german, italian:**

**Polish:** intermediate level.

**Computer science:** basics in C, R, scilab.