

Sébastien LEURENT
 Bureau 331,
 Institut de Mathématiques de Bourgogne
 Université de Bourgogne
 9 avenue Alain Savary
 21000 Dijon

Birth : 28/09/1985,
 Saint Martin D'HERES
 (Isère, France)
 French nationality

E-mail : sebastien.leurent@u-bourgogne.fr

Cursus

Since 2013	Lecturer (<i>Maître de Conférence</i>) in the <i>université de Bourgogne</i> , Dijon, France.
2014	Prix Daniel Guinier 2012 : Prize awarded every year by the French Physics Society to a young researcher, who defended his/her PhD during the corresponding year.
2008-2012	PhD Student, <i>École Normale Supérieure</i> Paris. Teaching exercise classes and labs in UPMC university and the ÉNS.
2012	PhD: "Systèmes intégrable et Dualités AdS/CFT". (UPMC) Prepared under the supervision of V. Kazakov.
2005-2009	Student paid as <i>Élève fonctionnaire stagiaire</i> , ÉNS Paris (rue d'Ulm) oral and written examinations in a <i>Classe préparatoire aux grandes écoles</i>

Collective responsibilities

Since 2014	Elected member of several board/councils in the <i>université de Bourgogne</i> : Commission recherche : 2016-2020 and since 2024 Comité Social d'Administration since 2018 Conseil d'UFR : 2014-2023; Conseil de laboratoire: 2019-2023 Bureau de la commission de proposition (sections 25 and 26): 2021-2022
2015-2018	Contact-person for communication of the IMB (the Math research unit in Dijon)
2015-2022 ans since 2023	Coordinating the teaching of Statistics in 1 st year of psychology
Depuis 2021	Co-responsible of the "Mathématique Physique" group of IMB
Depuis 2021	Member of the board of the maths department

Last publications

- [1] D. Chernyak, S. Leurent, et D. Volin, "Completeness of Wronskian Bethe Equations for Rational $\mathfrak{gl}_{m|n}$ Spin Chains," *Commun. Math. Phys.* **391** (2022), no. 3 969–1045.
- [2] V. Kazakov, S. Leurent, et D. Volin, "T-system on T-hook: Grassmannian Solution and Twisted Quantum Spectral Curve," *JHEP* **12** (2016) 044.
- [3] V. Kazakov et S. Leurent, "Finite size spectrum of $SU(N)$ principal chiral field from discrete Hirota dynamics," *Nucl. Phys. B* **902** (2016) 354–386.
- [4] N. Gromov, V. Kazakov, S. Leurent, et D. Volin, "Quantum spectral curve for arbitrary state/operator in AdS_5/CFT_4 ," *JHEP* **09** (2015) 187.
- [5] A. Alexandrov, S. Leurent, Z. Tsuboi, et A. Zabrodin, "The master T-operator for the Gaudin model and the KP hierarchy," *Nucl. Phys. B* **883** (2014) 173–223.

Other informations

Practical : Trained for first aid

Languages : fluent French and English. Basic knowledge of German

Information technologies : Unix-type systems (Linux), L^AT_EX, Python, Bash, html, javascript.

Hobbies : Political activism, sport (mountains).