

Publications of De Filippi David

2019

Journal Article/Book Review

- De Filippi David, Iazeolla C., Sundell Per, "Fronsdal fields from gauge functions in Vasiliev's higher spin gravity" in *Journal of High Energy Physics*, 10(2019), 215 (2019)
Full Text : [Filippi2019_Article_FronsdalFieldsFromGaugeFunctio.pdf](#) (Open Access)

Conference/Conference Contribution

- De Filippi David, "Observables and boundary conditions in Vasiliev's higher spin gravity" in "ESI Programme and Workshop "Higher spins and holography"" , The Erwin Schrödinger International Institute for Mathematics and Physics, Autriche (2019)

Conference/Conference Poster

- De Filippi David, Iazeolla C., Sundell Per, "Linearized gauge functions and the COMST in Vasiliev's higher spin gravity" in "Strings 2019" , Flagey (Bruxelles), Belgique (2019)
Full Text : [PosterString2019.pdf](#) (Open Access)
- Bonezzi Roberto, Boulanger Nicolas, De Filippi David, Sundell Per, "Theorie non-commutative de spins elevés" in "Mardi des Chercheurs 2019 (MdC2019)" , Mons, Belgique (2019)

2018

Conference/Conference Contribution

- De Filippi David, "Noncommutative Wilson lines in higher-spin theory" in "Strings, Cosmology and Gravity Student Conference" , ULB (Bruxelles), Belgique (2018)

Conference/Conference Poster

- De Filippi David, Bonezzi Roberto, Boulanger Nicolas, Sundell Per, "Théorie non-commutative de champs de spin élevé" in "Journée Doctorale Transfrontalière" , Reims, France (2018)
Full Text : [poster.pdf](#) (Open Access)

2017

Journal Article/Peer-Reviewed Article

- Bonezzi Roberto, Boulanger Nicolas, De Filippi David, Sundell Per, "Noncommutative Wilson lines in higher-spin theory and correlation functions of conserved currents for free conformal fields" in *Journal of Physics A: Mathematical and Theoretical*, J. Phys. A 50 (2017) no.47, 475401 (2017)
Full Text : [10.10881751-8121aa8efa.pdf](#) (UMONS staff members only)
- De Filippi David, "Higher-spin gravity as a non-commutative gauge theory" in *Belgian Physical Society Magazine*, 2017/02, 19-24 (2017)

Conference/Conference Contribution

- De Filippi David, Bonezzi Roberto, Boulanger Nicolas, Sundell Per, "Wilson lines in higher-spin theory and correlation functions of conserved currents for free conformal fields" in "Corfu Summer Institute, Training School : Quantum Spacetime and Physics models" , Corfu, Grèce (2017)