List of publications of Pablo Arrighi

Theses


Popular science


Book chapters


International-level refereed journals


**International-level refereed conferences**


Invited talks in international-level conferences

1. TBA, invited talk at QWQS 2020, the 9th international conference on
quantum walks and quantum simulation, Marseille, France, January 2020.


Selected workshops and seminars

— Pablo Arrighi, Mécanique quantique: Calculabilité et Universalité, Séminaire Logique Mathématique Informatique et Raisonnement, organised by the Institut de Recherches Philosophiques de Lyon, April 2019.


— Pablo Arrighi, Stefano Facchini, Marcelo Forets, Discrete Lorentz covariance for quantum walks and quantum cellular automata, FoQCoSS


Pre-prints, submitted

— Pablo Arrighi, Giuseppe Di Molfetta, Iván Márquez-Martín, Armando Pérez, *From curved spacetime to spacetime-dependent local unitaries over the honeycomb and triangular Quantum Walks.*
— Pablo Arrighi, Cédric Bény, Terry Farrelly, *A quantum cellular automaton for one-dimensional QED.*

Very advanced drafts

— Giuseppe Di Molfetta, Pablo Arrighi, *A quantum walk with both a continuous-time discrete-space limit and a continuous spacetime limit.*
— Pablo Arrighi, Antonin Lentz, Clément Theron, *Stochastic Causal Graph Dynamics.*
— Pablo Arrighi, Nicolas Durbec, Matthew Wilson, *Full quantum networks dynamics.*