

# Complete list of publications of Paolo Rinaldi

## Preprints

1. *On the stochastic Sine-Gordon model: an interacting field theory approach*,  
(with A. Bonicelli and C. Dappiaggi),  
(2023).
2. *A microlocal investigation of stochastic partial differential equations for spinors with an application to the Thirring model*,  
(with A. Bonicelli, B. Costeri and C. Dappiaggi),  
(2023).
3. *Stochastic Quantisation of the Fractional  $\Phi_3^4$  Model in the Full Subcritical Regime*,  
(with P. Duch and M. Gubinelli),  
(2023).

## Published Papers

1. *Besov Wavefront Set*,  
(with C. Dappiaggi, F. Scavi),  
Analysis and Mathematical Physics, 13:95 (2023) DOI 10.1007/s13324-023-00857-z.
2. *On a Microlocal Version of Young's Product Theorem*,  
(with C. Dappiaggi, F. Scavi),  
Manuscripta Mathematica (2023), DOI 10.1007/s00229-023-01510-6
3. *An Algebraic and Microlocal Approach to the Stochastic Non-Linear Schrödinger Equation*,  
(with A. Bonicelli, C. Dappiaggi),  
Annales Henri Poincaré **24**, 2443–2482 (2023).
4. *A Microlocal Approach to Renormalization in Stochastic PDEs*,  
(with C. Dappiaggi, N. Drago, L. Zambotti),  
Communications in Contemporary Mathematics, (2022), Vol. 24, Issue 07, 2150075.
5. *Reconstruction Theorem for Germs of Distributions on Smooth Manifolds*,  
(with F. Scavi),  
Journal of Mathematical Analysis and Applications, Vol 501, Issue 2 (2021).
6. *The algebra of Wick polynomials of a scalar field on a Riemannian manifold*,  
(with C. Dappiaggi, N. Drago),  
Reviews in Mathematical Physics, Vol. 32, No. 08 2050023 (2020).
7. *Ricci Flow from the Renormalization of Nonlinear Sigma Models in the Framework of Euclidean Algebraic Quantum Field Theory*,  
(with M. Carfora, C. Dappiaggi, N. Drago)  
Communications in Mathematical Physics 374, 241-276 (2020).