

Vanna Lisa COLI

Ph.D. in Mathematics

24, avenue des Diables Bleus
06357 Nice Cedex 4
France

☎ +33 (0)489152406

✉ Vannalisa.Coli@cepam.cnrs.fr

Position

Postdoctoral Researcher,

Université Côte d'Azur,

Maison des Sciences de l'Homme et de la Société Sud-Est, CEPAM – UMR7264,
Systèmes techniques, Ethnoarchéologie et Préhistoire (STEP).

Publications and products

- Journal articles
- E. Loli Piccolomini, V.L. Coli, E. Morotti, L. Zanni. Reconstruction of 3D X-rays CT images from reduced sampling by a scaled gradient projection algorithm, *Computational Optimization and Applications*, (), 1–21, 2017, DOI: 10.1007/s10589-017-9961-2, in press
 - L. Tronchin, V. L. Coli. Further investigation in the emulation of nonlinear systems with Volterra series, *Journal of the Audio Engineering Society*, **63** (9), 2015
- Conference Proceedings
- V. L. Coli, P.-H. Tournier, V. Dolean, I. El Kanfoud, Ch. Pichot, C. Migliaccio and L. Blanc-Féraud. *Detection of Brain Strokes Using Microwave Tomography*. 2018 IEEE International Symposium on Antennas and Propagation and USNC–URSI Radio Science Meeting, 2018.
 - L. Tronchin, V.L. Coli, F. Gionfalo. *Modelling nonlinearities on musical instruments by means of Volterra series*. AES 142nd Convention, 2017.
 - V.L. Coli, E. Loli Piccolomini, E. Morotti, L. Zanni. A fast gradient projection method for 3D limited data tomography. In *Journal of Physics: Conference Series*, 904(1), 012013, 2017. doi:10.1088/1742-6596/904/1/012013
 - V.L. Coli, V. Ruggiero, L. Zanni. Scaled first-order methods for a class of large-scale constrained least squares problems. In *Numerical Computations: Theory and Algorithms (NUMTA-2016)*, AIP Conference Proceedings, 1776, 040002-1–040002-4. AIP Publishing, 2016. doi: 10.1063/1.4965314
 - V.L. Coli. *Modellazione delle non linearità in acustica musicale ed elettroacustica mediante Kernel di Volterra*, Atti del 43° Convegno Nazionale AIA, 2016

July 2018