

BioNewMetrics and stochastic analysis of super resolution single particles trajectories

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Recent advanced mathematical analysis of SPTs of superresolution microscopy is based on massive amount of data. New algorithms allow reconstructing the physical properties of the dynamics but also neuronal surfaces.

BioNewmetrics created in 2009 (<http://bionewmetrics.org/>) is our platform for disseminating algorithms, classes and videos.

This talk will summarize recent progress in analyzing trajectories and reconstruction procedures.