

Two years postdoc position in signal processing and Monte Carlo methods applied to epidemiology

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Description of work

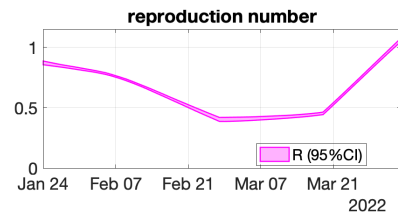
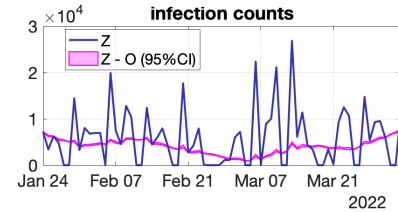
The purpose of the postdoc position is to design **Markov Chain Monte Carlo samplers** accompanied with or including **hyper-parameter selection** for credibility interval estimation of epidemiological indicators, e.g., for the reproduction number R_t of Covid19.

Host institution and place of work

The recruited candidate will be hired by the Centre National de la Recherche Scientifique (CNRS). CNRS is a the largest state-funded french research institution, employing researchers in all fields from exact sciences to humanities. He/she will integrate the Laboratoire des Sciences du Numérique de Nantes (LS2N), in the Signal, Image and Sounds (SIMS) team (<https://www.ls2n.fr/equipe/sims/>).

Candidate profile

Prospective applicants are expected to have a PhD in signal processing, statistics or a related discipline, excellent programming skills (e.g., in Python or Matlab), and good communication skills in English, both written and oral.



Covid19 indicators in Finland