In the context of the international ANR project INDEX (*INcremental Design of EXperiments*), I3S invites applications for full-time post-doc positions, starting between Oct 1, 2019 and Jan. 15, 2020 (negotiable).

Candidates will have opportunities for international collaboration/interaction with other partners of the INDEX project.

The project studies efficient incremental solutions to combinatorial optimization problems occurring in design of computer experiments. The objective is to propose an *ordered* design (a sequence of runs) which is *nearly optimal* (for the corresponding size) when stopped at any point, while satisfying a set of intrinsic user-defined *constraints*.

For more details, please visit the project web site `https://sdb3.i3s.unice.fr/anrindex`

Applicants must have a Ph.D. in applied mathematics or theoretical computer science, with a strong background in probability and statistics, approximation and complexity theory, or discrete optimization. Knowledge in functional analysis and measure theory will be particularly appreciated.

All applications should include

- a cover letter describing the interest in the position,
- a detailed CV,
- two or more letters of recommendation.

Potential applicants should contact Luc Pronzato (pronzato@i3s.unice.fr), Enrico Formenti (enrico.formenti@unice.fr) or Maria João Rendas (rendas@i3s.unice.fr).