6-month paid internship

Lattice-Boltzmann methods applied to wind farm flow simulations
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Improving the wind turbine models and benchmarking

- 6-month paid internship in Rueil-Malmaison, near Paris, France

- Simulation of wind turbine flows using the lattice-Boltzmann method

- Tasks:
  - Implementation of a wind turbine controller
  - Initialisation of the flow field using a precursor method
  - Validation and benchmarking

- Expected skills:
  - Basic knowledge in fluid mechanics (preferably aerodynamics)
  - Programming experience: Python and C++
  - Fluent in English

- Desirable skills:
  - First experience in lattice-Boltzmann methods
  - Knowledge in parallel programming
  - French

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