Principales activités

- Étude existante de la programmation probabiliste et de complexité
- Propose de nouvelles méthodologies deraisonnement pour la consommation de ressources des programmes probabilistes de haute-ordre.
- Find feasible paths towards an automation of these techniques, and assess their strength through prototypical implementation

**Compétences**

The ideal candidate will have a background in formal methods and program semantics/analysis. Good programming skills, knowledge of functional programming languages and experience in using SMT solvers are real assets. Familiarity with probability theory is a plus but not required.

**Avantages**

- Subsidized meals
- Partial reimbursement of public transport costs
- Leave: 7 weeks of annual leave + 10 extra days off due to RTT (statutory reduction in working hours) + possibility of exceptional leave (sick children, moving home, etc.)
- Possibility of teleworking (after 6 months of employment) and flexible organization of working hours
- Professional equipment available (videoconferencing, loan of computer equipment, etc.)
- Social, cultural and sports events and activities
- Access to vocational training
- Social security coverage

**Rémunération**

Duration: 36 months
Location: Sophia Antipolis, France
Gross Salary per month: 1982€ brut per month (year 1 & 2) and 2085€ brut/month (year 3)