

# Duguépéroux Joris

## Data Scientist (2021-)



9 January 1994  
Villeneuve S<sup>t</sup>-Georges, France  
French nationality  
Driving License



Personal website:  
<https://joris.dugueperoux.fr>



[joris.dugueperoux@ens-rennes.fr](mailto:joris.dugueperoux@ens-rennes.fr)  
PGP: 75FBD890

## Main Interests

### ★ Privacy

*Anonymization techniques, Differential Privacy, k-anonymity*

### ★ Security

*cryptography, PIR, ORAM, ZKP*

### ★ Distributed systems

*Blockchain, Consensus protocols*

### ★ Digital labor

*Related social and political issues*

### ★ Sociology and Economy

*Official statistics, micro and macro-economics, national accounts, sociology of work, regulation*

### ★ Philosophy

*Political philosophy and Epistemology*

## Job and Education

2021-	Data Scientist in PEReN "Pôle d'Expertise de la Régulation du Numérique"	Paris, France
2020-2021	Master in statistics and economics "Data science, evaluation and public decision" in <i>Ensaï</i> and <i>Rennes 1 University</i>	Rennes, France
2017-2020	PhD Thesis in Computer Science Protecting Workers in Crowdsourcing Platforms: a Technical Perspective, supervised by Allard Tristan and Gross-Amblard David in <i>Rennes 1 University, IRISA</i>	Rennes, France
2015-2017	Master in Computer Science <i>École Normale Supérieure de Rennes</i> and <i>Rennes 1 University</i>	Rennes, France
2014-2015	Licence in Computer Science <i>École Normale Supérieure de Cachan</i> and <i>Paris-Diderot University</i>	Cachan, France
2012-2014	<i>Classe Préparatoire</i> in Maths and Physics <i>Camille Guérin High school</i>	Poitiers, France

## Talks and Publications

2021	SEPAR: A Privacy-Preserving Blockchain-based System for Regulating Multi-Platform Crowdsourcing Environments Javad Amiri Mohammad, Duguépéroux Joris, Allard Tristan, Agrawal Divyakant and El Abbadi Amr, WWW2021 conference
2020	From Task Tuning to Task Assignment in Privacy-Preserving Crowdsourcing Platforms Duguépéroux Joris and Allard Tristan, TLDKS2020 journal Task-Tuning in Privacy-Preserving Crowdsourcing Platforms Duguépéroux Joris, Voyez Antonin and Allard Tristan, demonstration for EDBT2020 conference Un algorithme de partitionnement de l'espace des compétences pour plateformes de crowdsourcing respectueuses de la vie privée Duguépéroux Joris and Allard Tristan, HIA2020 workshop Task-Tuning in Privacy-Preserving Crowdsourcing Platforms Duguépéroux Joris, Voyez Antonin and Allard Tristan, demonstration for HIA2020 workshop
2019	Guaranteed Confidentiality and Efficiency in Crowdsourcing Platforms Duguépéroux Joris, PhD paper for APVP2019 conference Privacy-Preserving Informed Task Design in Crowdsourcing Processes Duguépéroux Joris and Allard Tristan, BDA2019 conference
2017	From Self-Data to Self-Preferences: Towards Preference Elicitation in Personal Information Management Systems Allard Tristan, Bouadi Tassadit, Duguépéroux Joris and Sans Virginie, for PAP17 workshop Privacy preserving crowdsourcing: Ongoing work and perspectives Duguépéroux Joris, invited speaker for WOS7 workshop Guaranteed Confidentiality and Efficiency in Crowdsourcing Platforms Duguépéroux Joris, PhD paper for BDA2017 Guaranteed Confidentiality and Efficiency in Crowdsourcing Platforms (Ongoing Work) Duguépéroux Joris, talk for Pre-GDR ISIS
2016	Pruning playouts in Monte-Carlo Tree Search for the game of Havannah Duguépéroux Joris, Mazyad Ahmad, Teytaud Fabien and Dehos Julien, CG2016 conference

## Initiatives and external interventions

Summer 2019	Stay at UCSB Collaboration with the Distributed System Laboratory	Santa Barbara, California
2018-2019	RadX seminars Leader and co-founder, see <a href="https://radx.irisa.fr/fr/">https://radx.irisa.fr/fr/</a>	Rennes, France
2017-2018	Contributions for political philosophy workshop <ul style="list-style-type: none"><li>New strategies of cults: some reflexions around anthroposophy</li><li>Personal Data: between individual and collective protection</li><li>Electronic voting and election paradoxes in Computer Sciences</li></ul>	Rennes, France
2016	Research internship on discrimination in AI	UQAM, Montréal, Canada

## Teaching

2017-2020	Privacy, Databases Security, Formal Languages, Databases	Rennes, France
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