

Arthur Gaudron

Research Engineer at Center for Robotics, MINES ParisTech, PSL University

contact@arthurgaudron.fr | arthurgaudron.github.io |

 <https://orcid.org/0000-0003-4970-2479>

Currently

Research Engineer & PhD candidate

Currently preparing a PhD Thesis on Data Driven Decision Support System for Urban Logistics (defense planned for June 2020) while executing management and administrative duties as a Project Manager.

Specialized in

Decision Support System, City Logistics, Optimization, Operational Research, Project Management

Research interests

Data Science, Urbanism, Public Policy, Decision Making

Education

2017–2020

PhD, MINES ParisTech, PSL University

Center for Robotics

Thesis : Open Model Methodology

2010 – 2013

Engineer Diploma, University of Technology of Compiègne

Master Degree in Mechanical Engineering

2008 – 2010

University of Bordeaux

Material Science and Engineering

Research activities

2015 – now

Urban logistics Chair

Preparation of a PhD thesis and co-supervision of research projects

2020

23rd EURO Working Group on Transportation Conference

Member of the Technical Committee

2017

Stuart

Participation on an industrial contract on optimization of delivery assignments in the context of express deliveries

Publications

Non Peer-Reviewed Journals

2020

Françoise Barbier-Chassaing, Élise Berlinski, Alexandre Ganachaud, **Arthur Gaudron** & Lorraine Paquin
[Le procès du ranking social - Conclusions pour M Vigi](#)
Dalloz IP/IT, Dalloz, 2020

2019

Arthur Gaudron

[Trial of an AI: Empowering people to explore law and science challenges](#)

IFIM's International Journal on Law & Regulation of Artificial Intelligence & Robotics 2019, 1

2018

Françoise Barbier-Chassaing, Jean-Baptiste Crabières & **Arthur Gaudron**

[Le procès de l'intelligence artificielle et de la voiture autonome — Conclusions aux fins de relaxe](#)
Dalloz IP/IT, Dalloz, 2018

Peer-Reviewed Conferences

2019

Arthur Gaudron, Simon Tamayo & Arnaud de la Fortelle

[Interactive Simulation For Collective Decision Making In City Logistics](#)

11th International Conference on City Logistics, Jun 2019, Dubrovnik, Croatia

2019

Simon Tamayo, François Combes & **Arthur Gaudron**

[Unsupervised machine learning to analyse city logistics through Twitter](#)

11th International Conference on City Logistics, Jun 2019, Dubrovnik, Croatia

2019

Raphael Benoit, Corine Gunot, Simon Tamayo, **Arthur Gaudron** & Frédéric Fontane

[Food open-air markets in Paris: transportation environmental issues](#)

World Conference on Transport Research, May 2019, Mumbai, India

2018

Arthur Gaudron, Simon Tamayo & Arnaud de la Fortelle

[Interactive Simulation To Explore Urban Distribution Schemes](#)

21st EURO Working Group on Transportation Meeting, Sep 2018, Braunschweig, Germany

2018

Apollinaire Barthe, Simon Tamayo & **Arthur Gaudron**

[Statistic regression and open data approach for identifying economic indicators that influence e-commerce](#)

20th International Conference on Urban Transportation and City Logistics May 2018, London, United Kingdom

2018

Arthur Gaudron, Simon Tamayo & Arnaud de la Fortelle

[Simulation de l'utilisation des aires de livraisons en ville par la méthode de Monte-Carlo](#)

ATEC - Les rencontres de la mobilité intelligente 2018, Jan 2018, Paris, France

2017

Simon Tamayo, **Arthur Gaudron** & Arnaud de la Fortelle

[Loading/unloading spaces location and evaluation: an approach through real data](#)

10th International Conference on City Logistics, Institute for City Logistics, Jun 2017, Phuket, Thailand

2017

Sarra Jlassi, Simon Tamayo & **Arthur Gaudron**

[Simulation applied to urban logistics: a state of the art](#)

		10th International Conference on City Logistics , Institute for City Logistics, Jun 2017, Phuket, Thailand
	2017	Sarra Jlassi, Simon Tamayo, Arthur Gaudron & Arnaud de la Fortelle <u>Simulating impacts of regulatory policies on urban freight: application to the catering setting</u> 6th International Conference on Advanced Logistics and Transport IEEE, Jul 2017, Bali, Indonesia
Non Peer-Reviewed Conferences	Oct 2019	"Collaboration in city logistics using interactive simulation" 8th METRANS International Urban Freight Conference , 17th Oct 2019, Long Beach, USA
	Oct 2019	"Classifying logistic vehicles in cities using Deep learning" 8th METRANS International Urban Freight Conference , 17th Oct 2019, Long Beach, USA
	Feb 2019	The Future of Digital Intelligence – Ethics, Impact and Prudence IFIM Business School and IFIM Law School , 26th February 2019, Bangalore, India
	Feb 2019	Law & Regulation of AI: A Global Perspective AD IDEM 2019 International Law Conference IFIM Law School , 25th February 2019, Bangalore, India
	Feb 2018	Les données, base d'apprentissage de l'intelligence artificielle Cycle de conférences "Quelle régulation pour l'intelligence artificielle ?" Université Paris Descartes , 8th February 2018, Paris, France
	Oct 2017	Mobile multi-depot vehicle routing problem 7th METRANS International Urban Freight Conference , Oct 2017, Long Beach, USA
	Feb 2017	Loading/Unloading Spaces Location And Evaluation EURO Winter Institute on "Methods and Models in Transportation Problems" , 14-23 Feb 2017, Bressanone, Italy
Teaching activities	2020 – now	MINES ParisTech Option Système de production et logistique — ...
	2020 – now	MINES ParisTech Tutorat Mission Industriel <u>Mastère Spécialisé "Management Industriel des Systèmes Logistiques"</u>
	2016 – now	MINES ParisTech Decision Support System for cities, in charge of the week organization since 2020 ATHENS Week
	2016 – now	ESSEC External Lecturer "Optimization and Decision Support" <u>ESSEC Grande Ecole - Master in Management (L3 level)</u>
	2019 – now	Université Paris-Dauphine External Lecturer "Data Science" <u>Master - Management et Organisations (M1 level)</u>
Management Experience	2014 – now	Center for Robotics Coordination of administrative and communication tasks
	2015 – now	Urban logistics Chair Support for the coordination of the chair sponsored by Renault, La Poste, POMONA, City of Paris and ADEME
	2014 – now	Drive for All Chair Support for the coordination of the international research chair PSA Peugeot-Citroën – Safran – Valeo on automated driving for ground vehicles (with EPFL, Shanghai Jiao Tong University and UC Berkeley/PATH partners)
	2019	2019 IEEE Intelligent Vehicles Symposium Finance Chair of the conference (900+ attendees)
	2014 – 2017	SINETIC Project Coordinator of a public R&D project (FUI) for a large scale simulation for connected and autonomous vehicles with Oktal, Renault, ESI, All4tec, INRIA, IFSTTAR, EURECOM, Armines (budget 10+ M€)
Talks & Invitations	Dec 2019	"Le procès du Ranking Social" Assemblée Nationale , 4th December 2019, Paris, France
	Nov 2019	Workshop on City logistics MINES ParisTech , 8th November 2019, Paris, France
	March 2019	"IA et Responsabilités" – Séminaire à destination des Instances Représentatives du Personnel SECAFI , 22nd March 2019, Toulouse, France
	March 2019	Finale PSL de l'édition 2019 de Ma Thèse en 180 secondes PSL University , 7th March 2019, Paris, France
	Oct 2018	"Le procès de l'intelligence artificielle et de la voiture autonome" Court of Appeal of Paris , 5th October 2018, Paris, France
	Feb 2017	Bionumeric City — International Workshop 2017 IEEE Intelligent Vehicles Symposium , 2017, Bressanone, Italy

