# SAMUEL D. DAHAN, Ph.D., LL.M.

### samuel.dahan@queensu.ca 613-533-6000 Ext. 75824 https://law.queensu.ca/directory/samuel-dahan https://conflictanalytics.queenslaw.ca

# 1. Education

07/2014	Doctorate	Law Supervisor: Simon Deakin Advisors: Catherine Barnard and Alain Supiot Thesis: Social and Labour Policy Learning in the Context of the Euro Crisis	University of Cambridge (Cambridge, UK)
6/2009	Masters 2	Law Theory and Practice of Litigation Thesis: Soft Law and Regulatory Agencies	University of Paris 1 Sorbonne – Ecole Normale Supérieure, Ulm (Paris, France)
9/2008	Visiting Scholar	Dispute Resolution Supervisor: Lawrence Susskind, European and American Economic and Social Policy-making Processes: From Power-based to Negotiated Law-making"	Program on Negotiation, Harvard Law School (Boston, MA, USA)
9/2008	LL.M.	Law Supervisors: Fleerackers, Frank; Ost, Francois Thesis: European and American Economic and Social Policy-making Processes: From Power-based to Negotiated Law-making	European Academy of Legal Theory, University of Brussels (Brussels, Belgium)
6/2005	LL.B.	Law	University of Cote d'Azur (Nice, France)

# 2. Recognitions

2021	Stanley M. Corbett Award for Excellence in Teaching, Queen's University (Kingston,
	Ontario)
2020	INFORMS UPS Prize, INFORMS UPS (USA)
2013	Best Paper on Economic Negotiation 25th Annual Conference of the International
	Association for Conflict Management
2013	Modern Law Review Award, University of Cambridge (Cambridge, UK)
2012	Christophe Dupont Prize, 2012, for best research paper in international economic
	negotiations, University of Cambridge (Cambridge, UK)

# 3. Areas of Research

Legal Artificial Intelligence, Global Work, Dispute Resolution

# 4. Employment History

5/2022 - present	Associate Professor (with tenure)	Faculty of Law, Queen's University, Kingston, Ontario
1/2018 - 2022	Assistant Professor and	Faculty of Law, Queen's University,
1/2016 - 2022	Queen's National Scholar	Kingston, Ontario
1/2019 magaint	``	Conflict Analytics Lab. Overn's
1/2018 - present	Founding Director	Conflict Analytics Lab, Queen's
0.10000		University, Kingston, Ontario
9/2022 – present	Chair and Founder	Deel Lab for Global Employment
7/2015 – present	Adjunct Professor	Cornell Law School, Cornell
7/2015		University, Ithaca, NY, USA
7/2015 – present	Affiliate Lecturer	Kennedy School of Government,
		Harvard University, Cambridge, MA, USA
7/2016 - 1/2018	Référendaire (Cabinet Member)	Court of Justice of the European
		Union, Luxembourg City,
		Luxembourg
7/2015 - 7/2016	Postdoctoral Fellow	Jean Monnet Center for International
		and Regional Economic Law &
		Justice, School of Law, New York
		University, New York, NY, USA
7/2015 - 7/2016	Senior Lecturer	Law, Ecole Nationale
.,		d'Administration, Strasbourg, France
9/2013 - 9/2015	Clerk	French Administrative Supreme
<i>y</i> /2010 <i>y</i> /2010		Court (Conseil d'Etat), Paris, France
7/2014 - 7/2015	Visiting Assistant Professor	Cornell School of Law, Cornell
	e	University, Ithaca, NY, USA
7/2013 - 7/2014	Visiting Professor	Law, Ecole Normale Supérieure,
	C C	Ulm, Paris, France
7/2008 - 7/2014	Associate Lecturer	European Commission, ESSEC
		Business School, Paris, France
9/2008 - 9/2013	Associate	ESSEC-IRENE (Institute for
		Research and Education on
		Negotiation), Paris, France
1/2012 - 12/2012	Research Associate	Centre for Commercial Law Studies
		(CCLS), Queen Mary University,
		London, UK
9/2011 - 9/2012	Policy Adviser	European Commission, DG for
	· ·	Economic and Financial Affairs,
		Brussels, Belgium
9/2011 - 9/2011	Policy Adviser	Organization for Economic Co-
		operation and Development,
		Directorate for Financial and
		Enterprise Affairs, Paris, France
7/2008 - 7/2010	Visiting Lecturer	Faculty of Economics, University of
	0	Lille 1, Lille, France
7/2008 - 9/2008	Intern	Competition and EU Law, White &

7/2007 - 7/2008	Visiting Scholar	Program on Negotiation, Harvard
		Law School, Harvard University,
		Cambridge, MA, USA

## 5. Research Funding

### **Research Support as PI – In preparation/submitted (Total: \$4,800,000)**

2023 - 2028	\$2,500,000	SSHRC Partnership Grant – OpenJustice: Open-source Legal AI
2019 - 2022	\$2,100,000	NSERC-MITACS – Classification of Workers across the World
2019 - 2022	\$150,000	Early Researcher Award, Funding for the Deel Lab for Global Employment

## Research Support as PI – Current (Total: \$73,520)

2022 - present	\$73,520	Social	Scie	nces	and	Humanities	Research	Council
_		(SSHR	C),	Insig	ht 1	Development	Grant,	Building
		Accessi	ible V	laccin	e Sup	port Program	ıs	

### Research Support as PI – Past (Total: \$778,000)

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2022 - 2025	\$240,000	Deel Research Partnership
2020 - 2021	\$120,000	MITACS – BLG – AI-powered system for personal
		injury dispute resolution
2019 - 2022	\$250,000	SSHRC – Natural Sciences and Engineering Research
		Council of Canada, New Frontiers in Research Fund
		Exploration Grant, AI-Powered Tribunal for Small
		Claims
2019 - 2022	\$14,000	Cultural and Scientific Services French Embassy,
		French-Canada Research Fund, 2019 New Research
		Collaboration Program

## **Research Support as Co-Applicant – Past (Total: \$95,000)**

2020 - 2021	\$20,000	SSHRC – NSERC, Connections Grant, A Neurotech	
		Future: Ethical, Legal and Policy Issues	
2020 – present	\$75,000	Queen's University, Wicked Ideas Competition, <i>Big</i> data exposed: What smartphone metadata reveals about	
		users	

## Research Support as PhD candidate (Total: \$104,037)

2015 - 2016	\$35,000	The Jean Monnet Center for International and Regional Economic Law & Justice, Emile Noel Research Fellowship
2010 - 2013	\$45,000	Bourse du President, Sorbonne Paris, PhD scholarship \$15,000 per year
2011 - 2013	\$1,743	Saint Edmund's College, University of Cambridge, Santander Banks Award, Athlete Award
2011 - 2012	\$17,149	University of Cambridge, Modern Law Review Scholarship, PhD Support

2010 - 2011	\$5,145	Cambridge Political Economy Society, Research Grant,
		Best Research Papers

# 6. Supervision

### **Graduate Students**

2021/September – 2023/September	Chu Fei Luo, Master's Degree, Computer Science, TBD
20219/September – 2023/September	Rohan Bhambhoria, PhD, Computer Science, 2023

## 7. Editorial Activities

## Managing Editor (2011 – 2014)

Cambridge Journal of International and Comparative Law

## 8. International and Significant Collaborations

2018 – present	Jonathan Touboul, Brandeis University. Touboul is a Professor of Mathematics		
	at Brandeis. He co-founded the Conflict Analytics Lab, where he is currently one		
	of two Scientific Directors. The Conflict Analytics Lab is a research consortium		
	concerned with the application of data analytics and machine learning to legal		
	dispute resolution. The lab is based at Queen's University.		
	In addition, we collaborated on three publications (see below).		
2018 – present	Maxime Cohen, McGill University. Cohen is the Scale AI Professor at McGill.		
	He is a co-founder and Scientific Director of the Conflict Analytics Lab, where		
	he advises on data analytics and AI.		
	In addition, we collaborated on three publications (see below).		
2020 – present	Duncan Fairgrieve, Paris Dauphine & British Institute of International and		
	Comparative Law. Fairgrieve is the Co-creator of the Conflict Analytics Lab's		
	Vaccine Mediator, an online platform designed to help users navigate		
	government vaccine compensation programs. He is also a policy expert in		
	comparative law research at the Deel Lab for Labour Analytics.		
2020 – present	Samantha Vanderslott, University of Oxford; Vanderslott is a University		
•	Research Lecturer at the Oxford Vaccine Group, and she serves as a Research		
	Advisor for the Conflict Analytics Lab		
2021 – present	George Wray, Borden Ladner Gervais LLP; Wray is a Partner at a BLG, a		
Â	leading Canadian law firm. He is a collaborator with the Conflict Analytics Lab		
	to build an AI-powered dispute resolution system for municipal disputes.		

# 9. Committee Memberships

Grant Panels	
2018 - 2019	SSH
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SSHRC, Collaborative Health Research Projects, AI Health and Society

2020 - 2021	ERC Consolidator Grant – 2021, 2022	
2021 - 2022	Insight Grant	
<b>Conference Committees/Orga</b> 2023 2024	nization Algorithmic Dispute Resolution, Boston, MA, USA Subtech Annual Conference, Northwestern, IL, USA	
Professional Society Committees		
2010 - 2013	Member, Cambridge Law Society	
2010	Non-Active Member, French Bar	

## **University Committees**

2023 – present	Member, Adjunct Committee
2022 - 2023	Member, JD Curriculum Committee
2020 - 2022	Member, Visiting Speakers Committee
2010 - 2014	Member, Saint Edmund's College, Cambridge

# **10. Course Development**

1/2018	Title: Employment Law
	Level: undergraduate
	Queen's University at Kingston
1/2018	Title: Negotiation
	Level: undergraduate
	Queen's University at Kingston
1/2018	Title: Alternative Dispute Resolution
	Level: undergraduate
	Queen's University at Kingston
9/2017	Title: Negotiation and Mediation
	Level: graduate
	University of Paris Dauphine
7/2015	Title: International Negotiation
	Level: graduate
	Harvard University, Kennedy School of Government
8/2014	Title: Alternative Dispute Resolution
	Level: graduate
	Cornell University Law School
9/2013	Titles:
	- US and UK Constitutional Law
	- Alternative Dispute Resolution
	Levels: undergraduate
	Ecole Normale Supérieure, Ulm
9/2008	Title: Negotiation
	Level: undergraduate
	ESSEC Business School – Paris, France
9/2008	Titles:
	- EU Constitutional Law

- Alternative Dispute Resolution
Levels: graduate
University of Lille 1

## **11. Program Development**

1/2018	Director, Faculty of Law, Queen's University at Kingston
	Program Title: Conflict Analytics Lab Practicum
	(an experiential learning course on legal AI)

# 12. Knowledge and Technology Translation

11/2019	Presenter, Policy/Regulation Development
	Group/Organization/Business Serviced:
	Scotiabank Ethics and AI Conference: Defining the New Normal
	Target Stakeholder: Policymakers/Regulators
	Deliverable: EU regulation on AI in Europe
3/2019	Presenter, Policy/Regulation Development
	Group/Organization/Business Serviced: French Supreme Court
	Target Stakeholder: Government Personnel
	Deliverable: AI-Powered Tribunal for Small Claims in Europe
2/2019	Presenter, Policy/Regulation Development
	Group/Organization/Business Serviced: Cyberjustice, Graduate Law and Artificial
	Intelligence Conference 2019 - University of Montreal
	Target Stakeholder: Academic Personnel
	Deliverable: AI-Powered Small Claims Tribunal in Ontario

# **13.Notable Industry and Public Interest Contributions**

01/2021	Founded OpenJustice, an open-source legal AI; already available to 15 law schools around the world
9/2022	Founded the Deel Lab, a interdisciplinary consortium on global work; developed a large open-access predictive AI on worker classification which will be developed in 150 countries
6/2020	Developed MyOpenCourt, the first AI-powered legal aid platform with a dispute resolution algorithm
6/2020	INFORMS Prize: the Conflict Analytics Lab was co-recipient of the INFORMS Prize for best program in analytics
1/2019	Appointed to the European Union Intellectual Property Office; commissioned to deliver a feasibility study on trademark dispute technologies
3/2018	Founded the Conflict Analytics Lab, a research consortium for conflict resolution and Artificial Intelligence

# **14.Presentations**

### **Invited Lectures and Presentations**

1. "Global Work in Singapore" National University of Singapore, Singapore (to be delivered 2024)

- 2. "The Future of HR Compliance" Legal Tech Talk, London, UK (to be delivered 2024)
- 3. "Generative AI for Access to Justice" Meeting of the Canadian Association for Law and Economics, University of Toronto (2023)
- 4. "Integrating Negotiation Recommendations into Legal AI" Northwestern, Neg-AI Think Tank, Chicago (2023)
- 5. "OpenJustice: A Call for an Open-Source Legal AI", Ingenuity Lab, Kingston, Ontario (2023)
- 6. "The Employer of Record and the Scandinavian Market" WeWork, Stockholm, Sweden (2023)
- 7. "The Law of Global Work, Paris International Bar, Paris, France (2023)
- 8. "People Can't Prompt" online, Singapore Management University (2023)
- 9. "Collective Bargaining and Global Work" The Ratio Institute, Stockholm, Sweden (2023)
- "Generative AI for ADR" Artificial Intelligence (AI) and Mediation Conference, Mediate.com (2023)
- 11. "Generative AI for Access to Justice" Technology Conference Day, New York State Unified Court System (2023)
- 12. "AI and Justice" AI for Common Goods Institute, Brussels (2023)
- 13. "AI for HR", Remotebase (2023)
- 14. "Global Work: Where Are We? Global Hiring Summit, Ashby and Deel (2023)
- 15. "Navigating the Challenges of Global Work", KPMG, Sweden (2023)
- 16. "Global Work in China" online debate with Huawei Head of HR (2023)
- 17. "Global Work in Asia" online, Zhonghe/ILO Beijing Bureau (2023)
- "Rethinking the Foundation of Work Law" Center for the Contemporary Workplace, Kingston, Ontario (2022)
- 19. "Worker Status in the Era of Global Employment: Launch of the Deel Lab for Global Employment" Orrick LLP, NY, USA (2023)
- 20. "The Good Bias: The Case of Worker Classification, HEC Paris, France (2022)
- 21. "The Use of AI to Determine Worker Status" Conference on Empirical Legal Studies" University of Toronto, Toronto, Canada (2022)
- 22. "The Analytics of Personal Injury Mediation: Measuring Success" Canadian Law and Economics Association, University of Toronto, Toronto, Ontario (2022).
- 23. "AI for Personal Injury Disputes" Université Paris Dauphine PSL (2022)
- 24. "Client Acquisition" Future of Law, Calgary, Alberta (2021)
- 25. "Legal Analytics in the Legal Industry" Columbia Business School, New York, NY, USA 2021
- 26. "Legal Aid and AI" Future of the Legal Profession, Brussels, Belgium (2021)
- 27. "Deep Learning and The Assessment of Likelihood of Confusion" European Union Intellectual Property Office, Alicante, Spain (2020)
- 28. "Machine Learning and Employment Law: Promises and Limitations" Canadian Law and Economics (CLEA) Conference, Toronto, Ontario (2019)

- 29. "AI-Powered Tribunal for Small Claims in Europe" HEC X, Legal Data Mining, Machine Learning and Visualization, French Supreme Court, Paris, France (2019)
- 30. "AI-Powered Tribunal Small Claims in Ontario" Cyberjustice, Graduate Law and Artificial Intelligence Conference 2019 University of Montreal, Montreal, Quebec (2019)
- 31. "Tribunal Digital et Data Analytics: Les enjeux du machine learning et deep learning pour les petits litige" (invited seminar), University of Ottawa Seminar, Ottawa, Ontario (2019)
- 32. "Small Claims Tribunal in Canada" Legal Data Mining Conference, HEC Paris-Polytechnique, Paris, France (2019)
- 33. "AI-Powered System for Assessing Likelihood of Confusion" Court of Justice of the European Union, Luxembourg City, Luxembourg (2019)
- 34. "EU regulation on AI in Europe" Scotiabank Ethics and AI Conference: Defining the New Normal, Toronto, Ontario (2019)
- "Machine and Deep Learning for Law: Promises and Risks" Dauphine Paris PSL, Paris, France (2019)
- 36. "Customer Dispute Analytics" Law 2.0, the Future of Legal Education, Queen's Law, Kingston, Ontario (2018)
- 37. "Natural Language Processing and Case Law Consistency" Dauphine Lunch Seminar Paris Dauphine University, Paris, France (2018)
- 38. "Improving Consistency of the EU Case Law through Text Analytics" The Role of the Courts in a Changing European Union, Zagreb, Croatia (2018)
- "Competition Law Analytics and Cartel Detection" Master Class, Competition Law Assas University, Paris, France (2018)
- 40. "Law, Negotiation and AI" Principal's Symposium: Imagining our Digital Future, Queen's University, Kingston, Ontario (2018)
- 41. "Online Dispute Resolution and AI: The Case of Employment Disputes" Annual Meeting of the Canadian Law and Economics Association, Toronto, Ontario (2018)
- 42. "A Wage-Led Response to the Euro Crisis" Council for European Studies (CES) 23rd International Conference of Europeanists, Session "Labor Market Policies and Politics", Philadelphia, Pennsylvania, USA (2016)
- 43. "EU-US Relations"), Discussion on Terrorism, the EMU and the Refugee Crises, British Consulate, UK British Council, New York, NY, USA (2016)
- 44. "Wage Determination in the EMU" 14th Jean Monnet Seminar "Rethinking EU Competences", Dubrovnik, Croatia (2016)

## **15.Publications**

#### **Peer-Reviewed Journals**

- 1. Jason Lam; Yuhao Chen; Farhana Zulkernine; Samuel Dahan "Legal Text Analytics for Reasonable Notice Prediction" Journal of Law and Artificial Intelligence (submitted)
- 2. Samuel Dahan, Philippe Bouaziz, (2023) "The State of Global Work Law: A Call for a New Policy Infrastructure", Deel Policy Paper (submitted to the Journal of International Economic Law)

- Dahan, S., Cohen, M., Touboul, J., Khern-am-nuai, W. (2022). The Use of AI in Legal Systems: Determining Independent Contractor vs. Employee Status. Submitted to: Journal of Law and AI. Accepted, January 20, 2022, DOI: http://dx.doi.org/10.2139/ssrn.4013823.
- 4. Samuel Dahan, Duncan Fairgrieve and others (2023) "Comparing Vaccine Injury Compensation Schemes" Tulane Journal of International Law.
- Dahan, S., Touboul, J., Lam, J., (2021). Predicting Employment Notice Period with Machine Learning: Promises and Limitations. McGill Law Journal, 65(4):pp711-753 DOI: https://doi.org/10.7202/1076909ar.
- 6. Dahan, S., Liang, D., (2021). The Case for AI-Powered Legal Aid. Queen's Law Journal, 46:pp415-429.
- 5. Dahan S., (2018). (Re-)designing Institutions for EMU Wage Policy Coordination. European Labour Law Journal, 8(4):pp281-305. DOI: https://doi.org/10.1177/2031952517744682.
- Dahan S., (2016). The Legal and Institutional Causes of the Global Financial Crisis and Euro Crisis: Explaining the Economic Crisis from an Institutionalist Approach. Cornell International Law Journal, 48:pp309-369.
- Dahan, S., Fuchs, O., Layus, M.-L., (2015). Whatever it Takes? Regarding the OMT Ruling of the German Federal Constitutional Court. Journal of International Economic Law, 18(1):pp137-151
- 8. Dahan, S., (2014). The Legal Framework for New Economic Governance and its Implications for Wage Policy Learning. The Cambridge Yearbook of European Legal Studies, 16:pp39-73
- 9. Dahan, S., (2012). The EU/IMF Financial Stabilization Process in Latvia and its Implications for Labour Law and Social Policy. Industrial Law Journal, 41(3):pp305-327

#### Management Journals

- 1. Samuel Dahan, Anton Ovchinnikov, Ten Things Executives need to Know about Global Work Harvard Business Review (submitted)
- 2. Dahan S., Philippe Bouaziz, What is an employer of record? Here's how they can help firms embrace global working. World Economic Forum, August 2023
- 3. Dahan S., Cohen M., Rule. C, Conflict Analytics: When Data Science Meets Dispute Resolution Management Business Review (2020)

#### **Computer Science Publications**

- 1. Dahan, S., Chu Fei Luo, Rohan Bhambhoria, Xiaodan Zhu, (2023) Prototype-Based Interpretability for Legal Citation Prediction, ACL 2023 (Meeting of the Association for Computational Linguistics).
- 2. Samuel Dahan, Chu Fei Luo, Rohan Bhambhoria, Xiaodan Zhu, "Towards Legally Enforceable Hate Speech Detection for Public Forums" EMNLP 2023
- Bhambhoria, R., Liu, H., Dahan, S., Zhu, X., (2022) Interpretable Low-Resource Legal Decision Making. AAAI Conference on Artificial Intelligence, AAAI DOI: https://doi.org/10.1609/aaai.v36i11.21438.
- 4. Bhambhoria, R., Liu, H., Dahan, S., Zhu, X., (2022) Evaluating Explanation Correctness in Legal Decision Making. Proceedings of the Canadian Conference on Artificial Intelligence.

- 5. R Bhambhoria, H Liu, S Dahan, X Zhu (2022) Investigating the State-of-the-Art Performance and Explainability of Legal Judgment Prediction.
- 6. Lam, J., Chen, Y., Zulkernine, F., Dahan, S., (2021) Detection of Similar Legal Cases on Personal Injury. International Conference on Data Mining Workshops (ICDMW), pp639-646., Auckland, New Zealand: IEEE DOI: 10.1109/ICDMW53433.2021.00084. Best Paper Award
- Dahan, S., Lam, J., Zulkernine, F., Liang D., (2020) "The Gap between Deep Learning and Law: Predicting Reasonable Notice", ICML (International Conference on Machine Learning) 7, 10. Natural Legal Language Processing Workshop, San Diego, US: NLLP.
- 8. Yin, Y., Zulkernine, F., Dahan, S., (2020). "Determining Worker Type from Legal Text Data using Machine Learning", IEEE PICom 2020, Calgary, Canada: IEEE. Best Paper Award

### **Book Chapters**

- 1. Dahan, S, Benchimol J. (2023). The Labour Mandate of Central Banks. New Foundations. Kevin Banks (Forthcoming) Toronto: Canada: University of Toronto Press.
- Dahan, S., Zhu, S., Bhambhoria, R., Townsend, S., (2022). Analytics and EU Courts: The Case of Trademark Disputes. Capeta, T., Pereisin, T., Analytics and EU Courts: The Case of Trademark Disputes. (Forthcoming). Oxford, England: Hart Publishing.
- Dahan, S., Bretonneau, A., (2016). Comparative Legal Methodology of the Conseil d'Etat: Towards an Innovative Judicial Process?. Canivet G., Andenas, M., Fairgrieve, D., Comparative Law before the Courts (pp. 242-252). Oxford, UK: Oxford University Press.

### Reports

- 1. Dahan, S., "Feasibility Study for the European Union Intellectual Property Office: Predictive Analytics for Trademark", EUIPO, Alicante, 2020
- Dahan, S., (2020). Country Study: Canada Mediation: Regulations, Trends & Practices. Lexis Nexis
- 3. Dahan S, Lalis. G., "Different Union, Greater Unity: Reflections on a Semester of Debates at NYU on the EU's Concurrent Crises", europaeuslaw, 2016
- 4. Dahan S., "Libertés Fondamentales et Numériques aux Etats-Unis". Rapport Annuel du Conseil d'Etat, France, 2014
- Dahan S. "Conceptualising the EU/IMF Financial Assistance Process". In EU BALANCE-OF-PAYMENTS ASSISTANCE FOR LATVIA: FOUNDATIONS OF SUCCESS. European Commission, DG Economic and Financial Affairs. Brussels, 120, 2012
- Casorla, F., Dahan, S., De Courcelles, D., Colson, A. "Comment Favoriser l'Essor de la Médiation comme Solution aux Conflits Liés à l'Environnement et aux Ressources Naturelles?", Les Commissions Des Ateliers De La Terre. ESSEC-IRENE (Institute for Research and Education on Negotiation), France, 2011

Theses

- 1. Dahan, S., (2014). Social Policy Learning in the Context of the Euro Crisis: From Coordinated to Disciplinary Learning (Doctoral Thesis). [Cambridge Database].
- 2. Dahan, S., (2009). Soft Law and Regulatory Agency (Masters Thesis). [Sorbonne Database.]
- 3. Dahan, S., (2008). European and American Economic and Social Policy-making Processes: From Power-based to Negotiated Law-making" (Masters Thesis). [Leuven Database].