

Ruslan Momot

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Citizenship: Ukraine, France, US Permanent Resident.

Academic Appointment

Ross School of Business, University of Michigan, USA	2022 - present
Assistant Professor of Technology & Operations (tenure track)	
Kellogg School of Management, Northwestern University, USA	2021 - 2022
Visiting Assistant Professor of Operations	
HEC Paris, France	2018 - 2022
Assistant Professor of Information Systems and Operations Management (tenure track)	<i>on leave 2021-2022</i>

Education

INSEAD, Fontainebleau, France	Feb 2019
- Ph.D., M.Sc., Technology and Operations Management	
- Dissertation chair: Karan Girotra	
Moscow Institute of Physics and Technology, Moscow, Russia	Jun 2012
- M.Sc., B.Sc., Applied Mathematics and Physics, summa cum laude	

Research & Teaching Interests

Research: **consumer privacy**; information design; operations & economics of information; information-based economies; social networks & digital platforms; data-driven decision-making & prescriptive analytics.

Teaching: operations & supply chain management; business analytics & statistics; digital platforms & networks; privacy & cybersecurity; business model innovation.

Published & Forthcoming Papers

- [1] Privacy-Preserving Personalized Revenue Management
 - *Management Science*, 70.7 (2024): 4167-4952, <http://ssrn.com/abstract=3704446>
 - with Yanzhe Murray Lei (Queen's University), Sentao Miao (Colorado Boulder)
 - paper presented at: (i) Facebook Research, Core Data Science Group; (ii) Pinterest (iii) Spotlight Session of the INFORMS Revenue Management & Pricing Section Conference.
 - Recipient of French National Research Agency ANR (LabEx Ecodec) Grant: EUR 10,000.
 - media: (i) "What Your Company Needs to Understand About Digital Privacy (But Probably Doesn't)", Michigan Ross News; (ii) "How Companies Can Do Data Privacy Better", Kellogg Insight; (iii) "How Can We Force Companies To Keep Our Data Safe?", HEC Paris Knowledge and The Conversation; (iv) "Le développement futur de l'IA se fera au détriment de la protection des données personnelles" (in French), HEC Stories; (v) "고객 정보 팔아들이는 기업... 데이터稅 매겨 오남용 막아야" (in Korean), Maeil Business Newspaper.
- [2] Digital Privacy
 - **Lead Article**, *Management Science*, 69.6 (2023): 3157-3758 <http://ssrn.com/abstract=3459274>
 - with Itay P. Fainmesser (Johns Hopkins University), Andrea Galeotti (London Business School)
 - paper presented at: (i) US Federal Trade Commission, Washington DC; (ii) CNIL France; (iii) Workshop on Privacy and Data Governance, Princeton University; (iv) Microsoft Research.

- media: (i) “The Optimal Data Policy Against Malicious Use of Data”, *Frontiers*, Luohan Academy; (ii) “How Companies Can Do Data Privacy Better”, *Kellogg Insight*; (iii) “For the Public, Data Collection during COVID-19 Offers Benefits –and Poses Hazards”, *HUB Daily Johns Hopkins University*; (iv) “How Can We Force Companies To Keep Our Data Safe?”, *HEC Paris Knowledge and The Conversation*; (v) “고객 정보 빨아들이는 기업… 데이터 매매 겨 오 남용 막아야” (in Korean), *Maeil Business Newspaper*; (vi) “How Business is Navigating Digital Privacy”, *Luohan on Air*, Spotify and Apple podcasts.
- [3] Privacy Management in Service Systems
 - *MeSOM*, vol. 24, issue 5, pp. 2387-2796, 2022, <http://ssrn.com/abstract=3628751>
 - with Ming Hu (University of Toronto), Jianfu Wang (City University of Hong Kong)
- [4] The Use and Value of Social Network Information in Selective Selling of Exclusive Products
 - *Management Science*, 66.6 (2020): 2610-2627, <http://ssrn.com/abstract=2755638>
 - with Elena Belavina (Cornell), Karan Girotra (Cornell Tech)
 - media: Welcome to the Social Media Shopping Mall, *INSEAD Knowledge*.
 - Finalist, 2016 IBM Service Science Best Student Paper Award
- [5] Strategic Investment in Protection in Networked Systems
 - *Network Science*, 5(1), 108-139, 2017, <http://dx.doi.org/10.1017/nws.2017.1>
 - with Matt V. Leduc (Paris School of Economics),
 - also published in the proceedings to WINE 2015 (The 11th Conference on Web and Internet Economics)

Working Papers / Papers under Review

- [6] Consumer Profiling via Information Design
 - *revise & resubmit* invited at the *American Economic Review*, <http://ssrn.com/abstract=4655468>
 - with Itay P. Fainmesser (Johns Hopkins University), Andrea Galeotti (London Business School)
- [7] Managing Cybersecurity: Data Access & Protection
 - *major revision* invited at *Management Science*, <http://ssrn.com/abstract=4293509>
 - with Marat Salikhov (New Economic School), Oleh Stupak (Cambridge, NUS), and George Charlson (Keystone Strategy)
- [8] Information Elicitation from Teams of Privacy-Conscious Experts,
 - *major revision* invited at *Operations Research*, <http://ssrn.com/abstract=4248487>
 - with Marat Salikhov (New Economic School)
- [9] Homomorphic Encrypted Revenue Management
 - under review at *Management Science*, <https://ssrn.com/abstract=4724820>
 - with Mojtaba Abdolmaleki (Michigan Ross)
- [10] A Disquieting Lack of Evidence for Disintermediation in a Home-Cleaning Platform,
 - under review at *Information Systems Research*, <http://ssrn.com/abstract=4244111>
 - with Ekaterina Astashkina (University of Michigan), Robert Bray (Kellogg, Northwestern), Marat Salikhov (New Economic School)
- [11] Impact of Workforce Flexibility on Customer Satisfaction: Empirical Framework & Evidence from a Cleaning Services Platform,
 - in preparation for re-submission, <http://ssrn.com/abstract=3260826>
 - with Ekaterina Astashkina (University of Michigan), Marat Salikhov (New Economic School)

Selected Work in Progress

- [12] Consumer Privacy and Fatalism

- with Stephen Leider (Michigan Ross) and Cagla Ergul (Michigan Ross)

[13] Privacy-Preserving Clustering

- with Murray Lei (Queen's), Sentao Miao (Colorado Boulder), and Yining Wang (UT Dallas)

Teaching Experience

Information Security, Privacy, and Ethics MBAn Core Course, Ross School of Business 2023 - 2024

Developed a new core course for the Master of Business Analytics (MBAn) Program. The course is co-taught with Prof. David Hess and Prof. Cindy Schipani (Business Law and Ethics).

Evaluations: (max 5.0)

Winter A 2023: 4.2.

Winter A 2024: 4.8.

Operations Management MBA Core Course, Ross School of Business 2023 - 2024

MBA level core course, 210 students; 12 sessions \times 2 h 10 mins. Course coordinator.

Evaluations: (max 5.0)

Winter A 2023: 5.0, 4.9, 4.9.

Winter A 2024: 4.8, 4.7, 4.5.

Consumer Privacy, Cybersecurity, and Operations PhD Course, Ross School of Business Winter 2023

PhD level core course, which I designed from scratch; 12 sessions \times 3 hrs.

Operations Management in AI-Driven World MBAi Core Course, Kellogg School of Management 2022

Developed a new core operations management course which included topics such as digital platforms & networks and consumer privacy & cybersecurity. 45 students; 10 sessions \times 3 h.

Evaluations: (max 6.0)

Q: Overall, how satisfied were you with this instructor? – 5.53,

Q: Overall, how satisfied were you with this course? – 5.13.

Averages across all courses taught at Kellogg for these questions are 5.19 and 4.93 correspondingly.

Operations Management MBA & Evening MBA Core Courses, Kellogg School of Management 2022

MBA level core course, 110 students; 20 sessions \times 1.5 h.

Evaluations: (max 6.0)

Q: Overall, how satisfied were you with this instructor? – 5.34, 5.29

Q: Overall, how satisfied were you with this course? – 5.02, 4.59.

Averages across all courses taught at Kellogg for these questions are 5.19 and 4.93 correspondingly.

Operations & Supply Chain Management Core Course, HEC Paris 2019 - 2021

Master's level core course (French Grande École), 50 students per section; 24 sessions \times 1.5 h.

Evaluations: (Q: Teaching qualities, max 5.0)

2019: 4.79, 4.75,

2020: 4.56, 4.55, 4.48 (covid-19: class had to be moved to remote teaching format in the middle of the semester),

2021: 4.81, 4.79, 4.46 (fully remote teaching format).

Three-year historical average across other instructors for this course was 3.57.

Production & Operations Management MBA Core Course Tutorial, INSEAD 2014

MBA level core course, 300 students, taught twice. Complementary to the class of Karan Girotra.

Evaluations: (Q: The effectiveness of the tutor teaching this course, max 5.0)

2014: 4.84, 4.82

Deans' Commendation for Excellence in MBA Teaching INSEAD Award, 2014

Math Tutorials PhD Core, INSEAD 2013

Taught & designed a class for 15 PhD students. Intro to calculus, linear algebra, optimization; 15 sessions \times 1.5h.

Invited Talks

· University of Toronto, Rotman Young Scholar Seminar Series Feb 2025

· BCG X, Scientific Network Seminar Jan 2025

· Fuqua School of Business, Duke University	Sep 2024
· Haas School of Business, University of California, Berkeley	Mar 2024
· Pinterest, Ads	Jul 2022
· Ross School of Business, University of Michigan	Jan 2022
· Wisconsin School of Business, University of Wisconsin–Madison	Jan 2022
· Kenan–Flagler Business School, University of North Carolina	Dec 2021
· Carroll School of Management, Boston College	Dec 2021
· Facebook, Core Data Science	Jun 2021
· Silicon Valley Technology Forum, The Rise of Technology in Business	Apr 2021
· Rady School of Management, University of California, San Diego, USA	Apr 2021
· Kellogg School of Management, Northwestern University, USA	Mar 2021
· CNIL France (National Commission on Informatics and Liberty, aka FTC of France)	Feb 2021
· Toulouse School of Economics, Economics of Platforms Seminar	Feb 2021
· “AI Bias and Data Privacy” round table with French CNIL, ANJ, and industry	Jan 2021
· David Eccles School of Business, University of Utah, USA	Jan 2021
· TOM European Consortium Seminar (LBS, INSEAD, IESE, HEC Paris)	Jan 2021
· Kelley School of Business, Indiana University, Consortium Virtual Seminar Series	Sep 2020
· London Business School (ETOM Day), UK	Jun 2019
· The HEC Foundation, France	May 2019
· Paris School of Economics, France	Feb 2019
· Tuck School of Business, Dartmouth College, USA	Jan 2018
· HEC Paris, France	Jan 2018
· Leeds School of Business, University of Colorado Boulder, USA	Jan 2018
· Smith School of Business, Queen’s University, Canada	Jan 2018
· ESMT, Germany	Jan 2018
· IESE Business School, University of Navarra, Spain	Dec 2017
· Frankfurt School of Finance & Management, Germany	Dec 2017
· INSEAD, France	Nov 2017

Conference Presentations

- Spotlight Session, INFORMS Revenue Management & Pricing Conference 2021
- 6th Annual Conference on Network Science and Economics: 2021
- MSOM: 2024, 2020 (canceled due to covid-19), 2019, 2018, 2017, 2015, 2014
- INFORMS: 2013-2024
- POMS: 2017, 2021
- WINE: 2015

Grants, Honors, & Awards

· Finalist of the INFORMS Service Science Best Student Paper Competition (Mojtaba Abdolmaleki)	2024
· 2nd place, MSOM SIG Best Paper Award, Service Management	2023
· Management Science Meritorious Service Award	2023
· Management Science Distinguished Service Award	2022
· Management Science Distinguished Service Award	2021
· M&SOM Meritorious Service Award	2021
· Management Science Meritorious Service Award	2020
· French National Research Agency (ANR) (LabEx Ecodec), EUR 10,000	2020

- Recipient of The HEC Foundation Research Grant, EUR 22,000 2019
- Finalist, IBM Service Science Best Student Paper Award 2016
- Deans' Commendation for Excellence in MBA Teaching, INSEAD 2014
- INSEAD Doctoral Fellowship 2012-2017
- MIPT B.Sc. summa cum laude 2010
- MIPT Scholarship for Outstanding Academic Achievements 2006-2012
- MIPT Academic Council's Scholarship 2006-2007
- Russian Government Scholarship for Academic Excellence 2006-2012
- Ukrainian National Physics & Mathematics Olympiads (ranked 15th in Ukraine) 2003-2006

Service

- Program Committee Member, 25th and 26th ACM Conference on Economics and Computation (EC'24, EC'25)
- Moderator of the cybersecurity forum organized by Michigan Ross, Business+Tech.
- Reviewer: i) Management Science (*Distinguished Service Award 2022 & 2021, Meritorious Service Award 2020*), (ii) Operations Research, (iii) M&SOM (*Meritorious Service Award 2021*), (iv) AER: Insights, (v) The Review of Economic Studies, (vi) Games and Economic Behavior (vii) Information Systems Research, (viii) Marketing Science, (ix) Service Science, (x) POM
- Judge for Special Interest Group, MSOM 2020, 2021, 2025
- Judge for MSOM Student Paper Competition, 2020, 2021, 2024
- Session Chair, INFORMS 2019-2021
- Mentor to Sajjad Najafi on his transition to HEC Paris and teaching
- HEC Paris, ISOM Department, hiring committee, 2019, 2020
- HEC Paris Master student supervision (Thibaut Corallo, 2019)

Other Experience

Industry Consulting and Engagement

Target, United States

Amazon, United States

Pinterest (Ads), United States

Microsoft, United States

Tilde Research, United States

Capgemini Consulting, France

Consulting and Engagement with Regulators

CNIL France

ANJ France

Federal Trade Commission, United States

Research Positions

Fermi National Accelerator Laboratory (Fermilab), Chicago, USA

2010

Other Publications

“Comparative study of nonequilibrium plasma generation and plasma-assisted ignition for C 2-hydrocarbons”, I. Kosarev, S. Kindysheva, R. Momot, E. Plastinin, N. Aleksandrov, and A. Starikovskiy, *Combustion and Flame* (2016).

Programming Languages

R · Python · Mathematica

Languages

Ukrainian (native) · Russian (fluent) · English (fluent) · French (intermediate)

References

- **Prof. Serguei Netessine**
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