

Ruslan Momot

Ross School of Business, University of Michigan
701 Tappan Ave, Ann Arbor, MI 48109
✉ momot@umich.edu
<http://www.ruslanmomot.info>

Citizenship: Ukraine, France, US Permanent Resident.

Academic Appointment

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

Education

INSEAD, Fontainebleau, France - Ph.D., M.Sc., Technology and Operations Management - Dissertation committee: Karan Girotra (chair), Serguei Netessine, Elena Belavina, Ilia Tsetlin	Feb 2019
---	----------

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
 - **Forthcoming at *Management Science*, 2023**, <http://ssrn.com/abstract=3704446>
 - with Yanzhe Murray Lei (Queen's University), Sentao Miao (McGill University)
 - paper presented at: (i) Facebook Research, Core Data Science Group; (ii) Pinterest (iii) Spotlight Session of the INFORMS Revenue Management & Pricing Section Conference.
 - Receptient 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 정보빨아들이는 기업... 데이터稅매겨오남용막아야" (in Korean), Maeil Business Newspaper.
- [2] Digital Privacy
 - **Forthcoming at *Management Science*, 2022**, <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稅매겨오남용막아야” (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
 - *M&SOM*, 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] Strategic Data Access Management
 - under review, 2022, <http://ssrn.com/abstract=4293509>
 - with George Charlson (Cambridge), Marat Salikhov (New Economic School)
- [7] Information Elicitation from Teams of Privacy-Conscious Experts,
 - under review, 2022, <http://ssrn.com/abstract=4248487>
 - with Marat Salikhov (New Economic School)
- [8] A Disquieting Lack of Evidence for Disintermediation in a Home-Cleaning Platform,
 - under review, 2022, <http://ssrn.com/abstract=4244111>
 - with Ekaterina Astashkina (University of Michigan), Robert Bray (Kellogg, Northwestern), Marat Salikhov (New Economic School)
- [9] 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)

Teaching Experience

Information Security, Privacy, and Ethics MBAn Core Course, Ross School of Business Winter 2023
 Developed a new core course for the Master of Business Analytics (MBAn) Program. The course is co-taught with Prof. David Hess (Business Law and Ethics).

Operations Management MBA Core Course, Ross School of Business Winter 2023
 MBA level core course, 210 students; 12 sessions × 2 h 10 mins. Course coordinator. Evaluations: (max 5.0)
 Winter A 2023: 5.0, 4.9, 4.9.

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

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 × 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 × 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 × 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 × 1.5h.

Invited Talks

- Pinterest 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: 2020 (canceled due to covid-19), 2019, 2018, 2017, 2015, 2014
- INFORMS: 2013-2021
- POMS: 2017, 2021
- WINE: 2015

Grants, Honors, & Awards

- 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

- Reviewer: (i) Management Science (*Distinguished Service Award 2021, Meritorious Service Award 2020*), (ii) Operations Research, (iii) M&SOM (*Meritorious Service Award 2021*), (iv) The Review of Economic Studies, (v) Service Science, (vi) POM
- Judge for Special Interest Group, MSOM 2020, 2021
- Judge for MSOM Student Paper Competition, 2020, 2021
- 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 Collaboration

Microsoft, United States

Qlean, Online Platform

AKVION Pharmaceutical, Logistics Department

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 · Matlab · C/C++ · LaTeX

Languages

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

Other

swimming, cross-country skiing (member of the varsity team), downhill skiing, bouldering, hiking, guitar

References

- **Prof. Serguei Netessine**
Operations, Information and Decisions, The Wharton School, University of Pennsylvania
netessin@wharton.upenn.edu, +1 (215) 573 3571
- **Prof. Ming Hu**
Business Operations and Analytics, Rotman School of Management, University of Toronto
ming.hu@rotman.utoronto.ca, +1 (416) 946 5207
- **Prof. Itay P. Fainmesser**
Economics, Carey Business School, The Johns Hopkins University
itay_fainmesser@jhu.edu, +1 (410) 234 9454
- **Prof. Karan Girotra**
Operations, Technology & Information Management, Cornell Tech & The Cornell SC Johnson College of Business
girotra@cornell.edu, +1 (312) 823 7946
- **Prof. Andrea Galeotti**
Economics, London Business School
agaleotti@london.edu, +44 20 7000 8463