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   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 Operations Management (tenure track)   *on leave 2021-2022*

Education

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

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*, articles in advance, 2023, 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.
 - Recepient 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 빨아들이는 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) "고객정보빨아들이는기업…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] 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)

[7] Homomorphic Encrypted Revenue Management
- under review, https://ssrn.com/abstract=4724820
- with Mojtaba Abdolmaleki (Michigan Ross)

[8] Consumer Profiling via Information Design
- under review, http://ssrn.com/abstract=4655468
- with Itay P. Fainmesser (Johns Hopkins University), Andrea Galeotti (London Business School)

[9] Strategic Data Access Management
- under review, http://ssrn.com/abstract=4293509
- with George Charlson (Cambridge), Marat Salikhov (New Economic School), and Oleh Stupak (Cambridge)

[10] A Disquieting Lack of Evidence for Disintermediation in a Home-Cleaning Platform,
- in preparation for re-submission, 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)

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).

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

· Haas School of Business, University of California, Berkeley	sch. Mar 2024
· 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

· 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 Excellense   2006-2012
· Ukrainian National Physics & Mathematics Olympiads (ranked 15th in Ukraine)   2003-2006

Service

· Program Committee Member, 25th ACM Conference on Economics and Computation (EC'24)
· 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) Service Science, (vii) POM

· Judge for Special Interest Group, MSOM 2020, 2021
· 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 Collaboration
Amazon, United States
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

Languages

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

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