OPERATIONS
RESEARCH
CENTER

ORC FACULTY

Dimitri Bertsekas and **John Tsitsiklis** received the 2018 John von Neumann Theory Prize at the 2018 INFORMS Annual Meeting for contributions to Parallel and Distributed Computation as well as Neurodynamic Programming.

https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/John-von-Neumann-Theory-Prize

Dimitris Bertsimas, Arthur Delarue, and **Sebastien Martin** along with Boston Public Schools were named finalists and Edelman Award Laureates at the 2018 INFORMS Annual Meeting.

https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/Franz-Edelman-Award/Franz-Edelman-Laureates2

Costis Daskalakis received the 2018 Rolf Nevanlinna Prize by the International Mathematical Union (IMU). The prize is awarded every four years alongside the Fields Medal, to a scientist under 40 who has made major contributions to the mathematical aspects of computer science.

https://www.quantamagazine.org/computer-scientist-constantinos-daskalakis-wins-nevanlinna-prize-20180801/

Costis Daskalakis received the 2019 ACM Grace Murray Hopper Award for his seminal contributions to the complexity of Nash Equilibria. The prize is awarded yearly to a computer scientist under the age of 35, on the basis of a single recent major technical or service contribution.

https://awards.acm.org/hopper

Costis Daskalakis received the Simons Investigator Award.

https://toc.csail.mit.edu/node/1248

Richard de Neufville received the 2019 American Society of Civil Engineers T&DI Robert Horonjeff Award.

https://www.asce.org/transportation-and-development/news/20190222-richard-de-neufville-announced-as-winner-of-robert-horonjeff-award/

Joann de Zegher and co-author Hamsa Bastani (Wharton) received the People's Choice Award at the 2019 Early-Career Sustainable OM Workshop for their paper entitled, "Do Policies with Limited Enforcement Reduce Harm? Evidence from Transshipment Bans."

Joann de Zegher and co-authors **Dan Iancu** (PhD '10) and Erica Plambeck received an honorable mention for the 2018 George Nicholson Student Competition for their paper entitled, "Sustaining Rainforests and Smallholders by Eliminating Payment Delay in a Commodity Supply Chain -- It Takes a Village."

Rob Freund was elected as an INFORMS Fellow, Class of 2018. This award honoring lifetime achievement recognizes "distinguished individuals who have demonstrated outstanding and exceptional accomplishments and experience in operations research and the management sciences" and who have also provided outstanding service to the profession and to INFORMS. Rob was recognized in particular "for sustained contributions to O.R. education and mathematical optimization."

https://www.informs.org/Recognizing-Excellence/Fellows/INFORMS-Fellows-Class-of-2018

Negin Golrezaei was a finalist in the 2018 INFORMS Data Mining Best Theoretical Paper competition for her paper, "Boosted Second Price Auctions".

Negin Golrezaei received a 2018 Google Faculty Research Award in Algorithms and Optimization.

https://ai.googleblog.com/2019/03/google-faculty-research-awards-2018.html

Andrew Lo won the 2018 Pinnacle Achievement Award from CME Group and BarclayHedge. This is the highest recognition of outstanding achievement among the Managed Futures Pinnacle Awards honoring top managed futures industry leaders.

Andrew Lo along with Kara Blackburn won the 2019 Jamieson Prize for Excellence in Teaching from the Sloan School of Management.

Tom Magnanti was named the President Emeritus of SUTD. He will receive the Public Administration Medal (Gold). The award citation says that Tom Magnanti's visionary leadership drove SUTD to organize itself in a novel way - the university is organized by clusters which better support the interdisciplinary nature of SUTD's programs and strengthen the university's research capabilities.

Georgia Perakis, Lennart Baardman, Tamar Cohen-Hillel, Setareh Borjian Boroujeni, and Kiran Panchamgam were finalists at the POMS JD.com 2019 Best Data-driven Research Paper Competition for their paper, "Detecting Customer Trends for Optimal Promotion Targeting".

Nikos Trichakis won the 2018 INFORMS Optimization Society Young Researchers Prize for his paper, co-authored with **Dan Iancu** (Phd '10), entitled, "Pareto Efficiency in Robust Optimization" (*Management Science*, Vol. 60, No. 1 (January 2014): 130-147).

Nikos Trichakis won the INFORMS 2018 MSOM iFORM SIG Best Paper Award. His winning paper, co-authored with **Dan Iancu** (Phd '10), and Gerry Tsoukalas (Wharton), is entitled, "Is Operating Flexibility Harmful Under Debt?" (*Management Science*, Vol. 63, No. 6 (June 2017): 1657-2048).

Nikos Trichakis won Third Place for the 2018 INFORMS TIMES Best Working Paper Award, for the paper "Blockchain and the Value of Operational Transparency for Supply Chain Finance," co-authored with Jiri Chod (Boston College), Gerry Tsoukalas (Wharton), Henry Aspegren (MIT MEng grad; Tsinghua University), and Mark Weber (MIT-IBM Watson AI Lab).

Nikos Trichakis won Second Prize for the 2018 POMS HOCM Best Paper Award, for the paper "Designing Response Supply Chain Against Bioattacks," co-authored with **David Simchi-Levi** and Peter Yun Zhang.

John Tsitsiklis received an honorary doctorate from Harokopio University in Greece.

John Tsitsiklis received the 2018 IEEE Control Systems Award "For contributions to the theory and application of optimization in large dynamic and distributed systems."

https://www.ieee.org/about/awards/technical-field-awards/controlsys.html

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ORC STUDENTS

Lennart Baardman and Elaheh Fata were finalists for the 2018 INFORMS George Nicholson Student Paper Competition for their paper coauthored with Abhishek Pani (Adobe) and **Georgia Perakis** entitled "Learning Optimal Advertising Portfolios with Periodic Budgets".

Lennart Baardman and **Divya Singhvi** were finalists for the 2018 INFORMS Service Science Section Best Student Paper Award Competition for their paper, coauthored with Igor Levin (Johnson & Johnson) and **Georgia Perakis**, entitled "Leveraging Comparables for New Product Sales Forecasting".

Lennart Baardman and **Tamar Cohen-Hillel** won first prize in the POM Supply Chain Best student paper competition for their paper, "Detecting Customer Trends for Optimal Promotion Targeting" co-authored with Setareh Borjian Boroujeni, Kiran Panchamgam, and **Georgia Perakis.**

http://poms.org/2019/05/2019_college_of_supply_chain_m_1.html

Max Biggs and **Rim Hariss** received the 2018 Data Mining Best Theoretical Paper award for their paper, "Optimizing Objective Functions Determined from Random Forests".

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Data-Mining/Data-Mining-Best-Theoretical-Paper

Tamar Cohen-Hillel, Kiran Panchamgam (Oracle RGBU (Retail Global Business Unit), and **Georgia Perakis** received the 2018 INFORMS Best Paper of the Service Science Section Cluster Award for their paper, "High-Low Promotion Policies for Peak-End Demand Models".

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Service-Science-Section/Best-Cluster-Paper-Award

Tamar Cohen-Hillel was a finalist for the CBOM best junior researcher in behavioral OM competition for the paper, "High-Low Promotion Policies for Peak End Demand Models" co-authored by Hillel, Kiran Panchamgam and **Georgia Perakis**.

Kayla Cummings received the 2018 Undergraduate Operations Research Prize. The Undergraduate Operations Research Prize Competition is held each year to honor a student or group of students who conducted a significant applied project in operations research or management science, and/or original and important theoretical or applied research in operations research or management science, while enrolled as an undergraduate student.

https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/Undergraduate-Operations-Research-Prize

Arthur Delarue and **Sebastien Martin** won second place in the 2018 INFORMS Doing Good With Good OR Student Paper Competition.

https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/Doing-Good-with-Good-OR-Student-Paper-Competition

Nicolas Guenon des Mesnards received the 2018 INFORMS Social Media Analytics Section Best Student Paper Award for the paper, "Detecting Influence Campaigns in Social Networks Using the Ising Model".

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Social-Media-Analytics-Section/Best-Student-Paper-Award

Anna Papush received honorable mention for her Phd thesis, "Data Driven Methods for Personalized Product Recommendation Systems", from the Revenue Management and Pricing Informs section at the 2018 INFORMS conference.

Divya Singhvi received honorable mention for the POM Supply Chain Best student paper competition for the paper, "Sequential Learning of Product Recommendations with Customer Disengagement" co-authored with Hamsa Bastani, **Pavithra Harsha** (PhD '09), and **Georgia Perakis**.

http://poms.org/2019/05/2019_college_of_supply_chain_m_1.html

Somya Singhvi won the first prize in 2019 POMS Sustainable Operations Best Student Paper Competition for the paper "Strategic Shortage in Agricultural Supply Chains with Consumer Anxiety: Effects of Government Interventions", co-authored with **Retsef Levi** and **Yanchong Zheng**.

http://poms.org/2019%20Student%20Paper%20Awards.pdf

Jessica Zhu was named one of the "Tomorrow's Technology Leaders: The 20 Twenties" by *Aviation Week* in January 2019.

https://aviationweek.com/workforce/aviation-week-network-announces-20-twenties-winners-2019

ORC ALUMNI

Amine Anoun (SM '17), was included in the Forbes 30 under 30 list along with Harvard grads Jerry Ting and Jake Sussman co-founded Evisort to use artificial intelligence to automate contract reviews for lawyers. The company was named to the law and policy category.

https://www.forbes.com/30-under-30/2019/law-policy/#18ffbc667f1c

Andrew Armacost (PhD '00), was also elected as an INFORMS Fellow, Class of 2018. Andrew was recognized in particular "for sustained contributions to the application of operations research to military and transportation planning and for significant leadership in operations research education."

https://www.informs.org/Recognizing-Excellence/Fellows/INFORMS-Fellows-Class-of-2018

Maxime Cohen (PhD '15), along with C. Daniel Guetta and Wenqiang Xiao received the 2018 INFORMS Case Competition. The purpose of this annual competition is to encourage the creation, dissemination, and classroom use of new, unpublished cases in operations research and the management sciences.

https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/INFORMS-Case-Competition

Maxime Cohen, along with Michael D. Fiszer and Baek Jung Kim, also won the 2018 INFORMS Best Cluster Paper Award for the paper, "Frustration-Based Promotions: A Field Experiment in Ride-Sharing".

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Service-Science-Section/Best-Cluster-Paper-Award

Chong Yang Goh (PhD '18), **Chiwei Yan** (PhD '17) and **Patrick Jaillet** were finalists for the POMS JD.com 2019 Best Data-driven Research Paper Competition for their paper, "Estimating Primary Demand in Bike-Sharing Systems".

Chiwei Yan (PhD '17), received the 2018 INFORMS Aviation Applications Dissertation Prize for "Airline Scheduling and Air Traffic Control: Incorporating Uncertainty and Passenger and Airline Preferences". The Aviation Applications Section of INFORMS awards a prize for the best dissertation in any area related to aviation OR (air traffic management OR and airline OR).

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Aviation-Applications/Aviation-Applications-Dissertation-Prize

Chiwei Yan (PhD '17), received an Honorable Mention for 2018 INFORMS Transportation Science and Logistics Society Best Dissertation Award.

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Transportation-Science-and-Logistics-Section/TSL-Dissertation-Prize