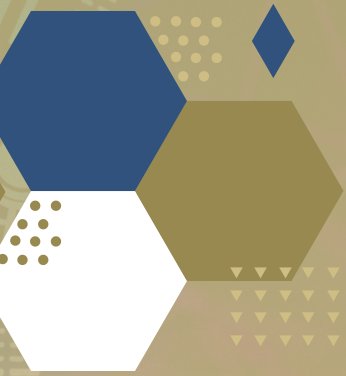
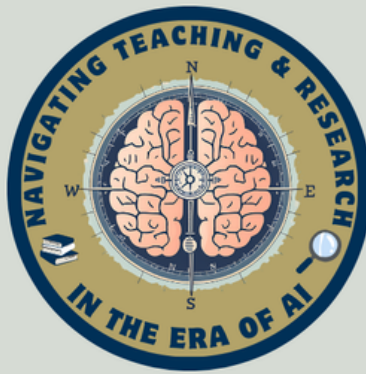


NAVIGATING TEACHING & RESEARCH IN THE ERA OF AI



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25



FEBRUARY 28, 2025

NAVIGATING TEACHING & RESEARCH IN THE ERA OF AI

This symposium brings together educators from Georgia Tech and other institutions to explore the evolving landscape of teaching and research in the age of AI. Participants will discuss the integration of AI tools into the classroom, share best practices for leveraging AI in research, and reflect on the opportunities and challenges AI presents for higher education.

Morning Sessions		Afternoon Sessions	
8:00am	Opening - Anuj Mehrotra, Dean of Scheller College of Business, GT	Noon	Lunch Break -Lunch Provided
8:15am	Leveraging AI for Course Preparation and Assessments - Mike Smith, GT	1pm	Faculty and Students Artificial Intelligence Perceptions and Usage within Higher Education Settings - Georgia State University Survey Group: Rachel Gurvitch, Jennifer Hall, Michelle Kassorla, Kurt Schmitz, and Mandy Swygart-Hobaugh
8:45am	AI Integration in Quantitative Courses Based on Project-Based Teaching- Tatiana Rudchenko, GT	1:45pm	Keynote - AI in 2025: Impact on Research and Education - Pascal Van Hentenryck, GT
9:20am	Student Learning Assessment with AI - Dobin Yim, Loyala University	2:45pm	Break
9:45am	Break	3pm	AI + HR: Transforming the Future of Work - Saba Colakoglu GT
10:00am	AI All Around Us; A panel showcasing instructors from various neighboring institutions and their experiences with AI. Speakers- Jeanne Law; KSU, Jacob Westberry, KSU, Wen Gu; Emory, and Rajiv Garg; Emory	3:30pm	Teaching with AI: Engaging Students and Bringing Economists to Life - James Hoadley, GT
		4pm	Integrating Art and AI in STEM classrooms: Unlocking students' creativity- Francesco Fedele, GT
11:45am	Reflection Activity - Vincent Spezzo, GT	4:45pm	Closing -Manpreet Hora, GT, Tatiana Rudchenko, GT, Mike Smith, GT, and Vincent Spezzo, GT



Access Our Padlet!

<https://gatech.padlet.org/vincentSpezzo/AI25>

Padlet is our virtual bulletin board for sharing resources, making comments, networking and more. Each presentation has its own column. (Keep scrolling across to find them all).

Chef GPT

For lunch we'll be having a Mediterranean Build-a-Bowl experience. We've asked a Generative AI to recommend some ways to build a bowl. Here are the results!

Energizing Mediterranean Bowl

- Yellow Basmati Rice (1 cup)
- Grilled Chicken (4-5 oz)
- Cherry Tomatoes (¼ cup)
- Kalamata Olives (5-6 olives)
- Tzatziki Sauce (2 tbsp)
- Pita Chips (5-6 chips)



Perfect Vegan Bowl

- Yellow Basmati Rice (1 cup)
- Mixed Greens (1/2 cup)
- Falafel (2 pieces)
- Cherry Tomatoes (¼ cup)
- Pickled Onions (2 tbsp)
- Kalamata Olives (5-6 olives)
- Lemon Vinaigrette (2 tbsp)

Best-Tasting Mediterranean Bowl

- Yellow Basmati Rice (¾ cup)
- Grilled Chicken (4 oz)
- Falafel (1 piece)
- Kalamata Olives (5-6 olives)
- Feta Cheese (1 tbsp)
- Pickled Onions (2 tbsp)
- Tzatziki Sauce (2 tbsp)
- Pita Chips (5-6 chips)

The Worst Possible Bowl "Chaos Bowl"

- Pita Chips (just pita chips, no rice or greens)
- Pickled Onions (a heaping amount)
- Kalamata Olives (lots of them)
- Lemon Vinaigrette (drenched in it)
- Feta Cheese (extra crumbled on top)
- Falafel (but cold and crumbled)



SESSION INFORMATION

Opening: Welcome to the Symposium Anuj Mehrotra, Dean of Scheller College of Business, GT

Anuj Mehrotra is the dean and Stephen P. Zelnak Jr. Chair at the Georgia Tech Scheller College of Business. Since joining the College on January 1, 2024, he has developed a vision for Scheller to become the world's most connected business school, driving the future of business. Before joining Scheller, Mehrotra was the dean of the George Washington University School of Business and held senior leadership roles at the University of Miami School of Business Administration, including senior vice dean and vice dean of Faculty Development and Research. He earned his Ph.D. in Operations Research from Georgia Tech, his master's in Operations Research from Virginia Tech, and his bachelor's in Mechanical Engineering from the Birla Institute of Technology and Science in India.



SESSION INFORMATION

Speaker: Mike Smith, GT

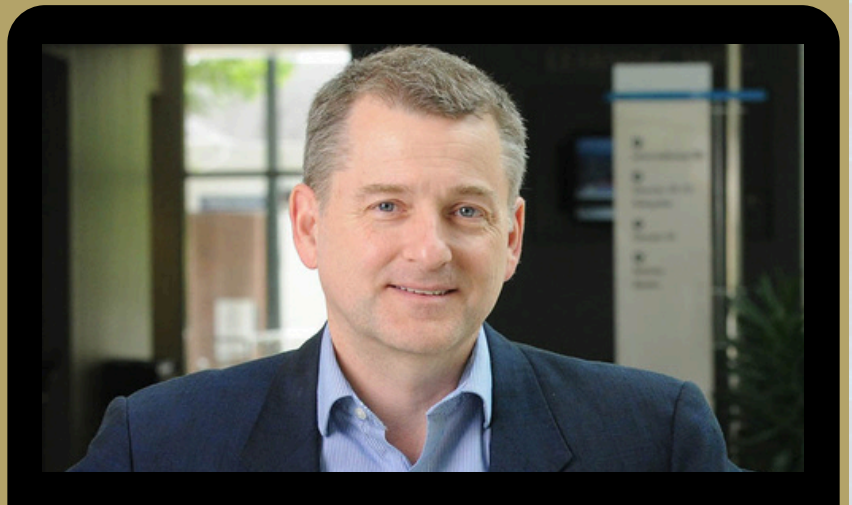
Leveraging AI for Course Preparation and Assessments

Mike Smith is a principal lecturer in the Information Technology Management area at the Georgia Tech Scheller College of Business. Here, he develops and delivers courses in systems analysis and design, project management, information systems, and emerging technologies. His exceptional teaching and service have been recognized with the CETL Undergraduate Educator Award and the Ernest Scheller Jr. Award for Service Excellence.

Beyond the classroom, Mike Smith serves as a vital link between faculty, students, and the business community, fostering collaboration through case competitions, professional development opportunities, and student organizations.

A Georgia Tech alumnus, he holds a Ph.D. in Management and has published in leading journals, including *Communications of the ACM* and *Journal of MIS*.

Mike Smith shares his expertise on integrating AI tools into education and research in different educational events here at GaTech and outside of GaTech.



SESSION INFORMATION

Speaker: Tatiana Rudchenko, GT

*AI Integration in Quantitative Courses Based
on Project-Based Teaching*



Dr. Tatiana Rudchenko is a Senior Lecturer at the Scheller College of Business, Georgia Tech, specializing in quantitative analysis and management statistics. With a strong commitment to experiential learning, Dr. Rudchenko has pioneered the integration of innovative technologies, such as ChatGPT and video quizzes, into her MGT 2250 and 2255 courses, transforming the learning experience for students and increasing student engagement. Her innovative teaching methods have earned her several prestigious awards, including the Brady Family Award for Faculty Teaching Excellence and the Center for Teaching and Learning's Curriculum Innovation Award. In addition to her teaching responsibilities, Dr. Rudchenko actively helps onboard new faculty members, mentors PhD students, leads innovative projects, and presents at major teaching events and educational conferences. Her leadership in educational technology and commitment to student success have positioned her as a leader in the field of transformative teaching, preparing students for the future of AI-driven business environments.

SESSION INFORMATION

Speaker: Dobin Yim, Loyala University

Student Learning Assessment with AI



Dr. Yim studies how information technology shapes online communication and behavior. He investigates the role of social networking platforms and online communities on social value creation in healthcare, media management, environmental sustainability, and charitable giving.



SESSION INFORMATION

AI All Around Us Panel

**Panel Speakers: Jeanne Law;
KSU, Jacob Westberry, KSU,
Wen Gu; Emory and Rajiv Garg; Emory**

A panel showcasing instructors from various neighboring institutions and their experience working with AI.

Each speaker presents individually for approximately 25 minutes followed by a 30 min panel for audience Q&A.

KSU's Jeanne Law with Jacob Westberry: *Teach and Trust: Deploying Custom GPTs as open educational resources in first-year writing courses*

Emory's Wen Gu: *Teaching Smarter: An AI-Enhanced Framework for Automated Assessment and Feedback*

Emory's Rajiv Garg: *AI's Transformative Role in Education and Business Leadership*



SESSION INFORMATION

Faculty and Students Artificial Intelligence Perceptions and Usage within Higher Education Settings

Speakers:

Georgia State University Survey Group:

Rachel Gurvitch



Jennifer Hall



Michelle Kassorla



Kurt Schmitz



Mandy
Swygart-Hobaugh



SESSION INFORMATION

**Keynote Speaker:
Pascal Van Hentenryck, GT**

***AI in 2025: Impact on
Research and Education***

Pascal Van Hentenryck is the director of Tech AI, Georgia Tech's AI Hub, the director of the NSF AI Institute for Advances in Optimization, and the A. Russell Chandler III Chair and Professor in the H. Milton Stewart School of Industrial and Systems Engineering at the Georgia Institute of Technology and its Associate Chair for Innovation and Entrepreneurship.



SESSION INFORMATION

Speaker: Saba Colakoglu, GT

AI + HR: Transforming the Future of Work

Dr. Saba Colakoglu is a Senior Lecturer in the Organizational Behavior area at the Scheller College of Business. She is also the President of the Women in Academy of International Business (WAIB). Dr. Colakoglu received her PhD in Human Resources and Industrial Relations from Rutgers University, School of Management and Labor Relations in 2009. She also holds an MBA degree from Bilkent University and a Bachelor of Science in Psychology from Middle East Technical University, both in Ankara, Turkey.



Dr. Colakoglu teaches and conducts research in human resource management and organizational behavior with a cross-cultural and international focus. She has been teaching undergraduate and MBA courses in these subject areas for more than two decades and her research appeared in such journals as Academy of Management Journal, Journal of International Business Studies, Journal of Organizational Behavior, International Journal of Human Resource Management, Human Resource Management Journal, International Business Review, and Thunderbird International Business Review.

Dr. Colakoglu serves on the editorial review boards of International Journal of Human Resource Management and Human Resource Management Review. She is the faculty advisor for Scheller Society of Women in Business and Alpha, Kappa, Psi.

SESSION INFORMATION

Speaker: James Hoadley, GT

***Teaching with AI: Engaging Students and
Bringing Economists to Life***



James Hoadley brings extensive personal experience to the Georgia Tech CIBER. He lived in Japan for nearly eight years, where he worked for Seiko Epson Corporation. He also worked as Human Resources manager for a Japanese-owned auto parts supplier in South Carolina before coming to Georgia Tech. He has an MBA from Georgia Tech and a graduate diploma in foreign language teaching and B.A. in international studies from the University of South Carolina. He is fluent in Japanese.

SESSION INFORMATION

Speaker: Francesco Fedele, GT

*Integrating Art and AI in STEM classrooms:
Unlocking students' creativity*



Dr. Francesco Fedele, an associate professor in Civil and Environmental Engineering (CEE), found inspiration in art after a serious injury in 2016. During his recovery, he self-taught art as therapy, through drawing and painting, with Picasso's cubism influencing his early works. Recognizing the transformative power of art, he sought to integrate it into Georgia Tech's curriculum to expand students' perspectives on science, engineering, and through the lens of AI. In 2017, he created Art and Geometry, where students explore manifold geometry and its connections to Picasso's cubism and Einstein's relativity. He also developed Machine Learning for Engineers and, in collaboration with Mark Leibert (LMC), co-created Art and Generative AI to teach AI fundamentals and its use in creating art. These courses share weekly art labs, taught by professional artists, where students learn drawing, printmaking, painting, sculpture, brainwave art, and AI-generated art. This interdisciplinary co-teaching model bridges STEM, AI, and the arts, fostering creativity. Dr. Fedele's teaching has earned the CEE Senior Faculty Teaching Award, CEE Teaching Innovation Award, and CETL Curriculum Innovation Award.