

MIT Industrial Liaison Program Faculty Knowledgebase Report

2025 MIT Mongolia Symposium

August 12, 2025 1:00 pm - 5:30 pm

1:00 PM Registration and Check-In

1:30 PM Welcome Remarks

Tselmuun Nyamtaishir
President/CEO
[MAK](#)

1:35 PM MIT Innovation Ecosystem
Jewan Bae
Director, [MIT Corporate Relations](#)



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Director
[MIT Corporate Relations](#)

Jewan John Bae comes to MIT Corporate Relations with more than 20 years of experience in the specialty chemicals and construction industries. He facilitates fruitful relationships between MIT and the industry, engaging with executive level managers to understand their business challenges and match them with resources within the MIT innovation ecosystem to help meet their business objectives.

Bae's areas of expertise include new product commercialization stage gate process, portfolio management & resource planning, and strategic planning. He has held various business leadership positions at W.R. Grace & Co., the manufacturer of high-performance specialty chemicals and materials, including Director of Strategic Planning & Process, Director of Sales in the Americas, and Global Strategic Marketing Director. Bae is a recipient of the US Army Commendation Medal in 1986.

2:00 PM

Building Resilient Organizations in the Age of AI
John Carrier
Senior Lecturer, System Dynamics, [MIT Sloan School of Management](#)



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Senior Lecturer, System Dynamics
[MIT Sloan School of Management](#)

John Carrier is a senior lecturer in the System Dynamics Group at the MIT Sloan School of Management and Managing Director of 532 Partners. His expertise is in shaping the dynamics of operating environments to improve productivity, quality, safety, and morale simultaneously. He has helped companies save hundreds of millions of dollars by helping them find and eradicate the hidden systems lurking inside every operation. His current focus is to help prepare companies to compete in the new environment of Industry 4.0.

He has educated over five hundred top-level leaders in the MIT Sloan Executive Education program in Oil & Gas, petrochemicals, mining, and healthcare. When not teaching, he spends most of his time in the operating environment, working directly with the front line to deliver measurable results in less than sixty days.

Dr. Carrier holds a B.S. in Chemical Engineering from the University of Michigan, a Ph.D. in Control Systems from MIT, and an MBA from the Harvard Business School.

In the new era of Industrial AI, successful organizations will be defined not by their access to technology but by their ability to select and adopt the right technologies, guided by a deep understanding of their organization's System Dynamics and its role within the broader supply chain.

In this session, Dr. Carrier will present a framework for aligning emerging Industrial AI technologies with the current state of operations. This approach accelerates adoption by fostering critical thinking and emphasizing that frontline utility—rather than overarching financial gains—is the true driver of successful implementation. The framework will be illustrated with real-world examples from industry.

2:40 PM

Networking Break

3:10 PM

AI's 'Vibe Analytics' Future Is Here

Michael Schrage

Research Fellow, MIT Initiative on the Digital Economy, [MIT Sloan School of Management](#)



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Research Fellow, MIT Initiative on the Digital Economy

[MIT Sloan School of Management](#)

Michael Schrage is a research fellow with the MIT Sloan School of Management's Initiative on the Digital Economy. His research, writing, and advisory work focuses on the behavioral economics of models, prototypes, and metrics as strategic resources for managing innovation risk and opportunity. He is author of the award-winning book *The Innovator's Hypothesis* (MIT Press, 2014), *Who Do You Want Your Customers to Become?* (Harvard Business Review Press, 2012), and *Serious Play* (Harvard Business Review Press, 2000). His latest book, *Recommendation Engines*, was published in September 2020 by MIT Press as part of its Essential Knowledge series. He's done consulting and advisory work for Microsoft, Procter & Gamble, British Telecom, BP, Siemens, Embraer, Google, iRise, the Office of Net Assessment, and other organizations.

Schrage has run design workshops and executive education programs on innovation, experimentation, and strategic measurement for organizations all over the world and is currently pioneering work in selvesware technologies designed to augment aspects, attributes, and talents of productive individuals. He is particularly interested in the future co-evolution of expertise, advice, and human agency as technologies become smarter than the people using them.

[View full bio](#)

As generative AI—from ChatGPT to DeepSeek—reshapes how we design, decide, and deliver, sustainable advantage won't come from faster adoption, but from more thoughtful use.

In this provocative yet practical session, MIT's Michael Schrage shares key insights from over 100 global promptathons—from boardrooms to business schools—demonstrating how well-crafted prompts do more than unlock AI value and performance. They reveal human blind spots, expose outdated workflows, and challenge strategic inertia. Promptathons aren't about simply *using* large language models—they're about rehearsing better thinking, redesigning collaboration, and retraining how organizations learn. They are disciplined experiments in how institutions discover, decide, and adapt.

For Mongolia's decision-makers and institutions, promptathons offer a fast, hands-on method for embedding AI within the people and processes that matter most.

This session invites you to see prompting not just as a skill to teach, but as a capability to design, not just to enhance performance, but to redefine what performance means in the age of AI.

3:50 PM

Panel Discussion

Michael Schrage

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Tungalag Ziinaa

Analyst Data Science

[Rio Tinto](#)

4:30 PM

Closing Remarks
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4:35 PM

Adjournment