TEDxBoston

Countdown to Artificial General Intelligence

5 min talks | March 6

2022 felt like a watershed moment for progress in Artificial Intelligence (AI), as the culmination of over sixty years of research ushered in profound advances. We are living in a generative model uptopia, with large language models like GPT-3.5 and ChatGPT, cross-modal models like DALL-E 2 and Stable Diffusion, and multi-modal models like Gato generating words, images, and videos. The Metaculus community estimates that the arrival date of "Weak AGI" collapsed from far in the future 2042 to as close to near-imminent 2027.

Now, in 2023, on the cusp of an inflection point in the capabilities of AI, we stand on the shoulders of these accelerating technologies that are ready to influence and infiltrate every part of human society. Together, we will gather on March 6 where 5 min talks will be presented on what this future could look like in an attempt to probe outstanding challenges that exist in deep learning and AI, and unlock new insights into our own human intelligence. Our esteemed speakers will cover topics on the impact of AGI including ethics, the evolution of creativity, intelligence augmentation, the future of work and education, and innovation in health. Event @The 'Quin House, closing reception @ MIT CSAIL, Questions email: jwerner@mit.edu

Block 1... 10 AM

Abhi Singh — PhD, **MIT Media Lab** — *Decentralizing Intelligence: The Next Frontier in AI*

Alejandro Maldonado — CEO, at **HUM** — *How AI Will Design Your Next Home*

Alex Mcneilly — Undergraduate, **MIT & Founder, Puzzil** — *Why You'll Love Your New Reality*

Anna Ivanova — Postdoc, **MIT CSAIL** — *Can chatbots think?*

Ashwin Gopinath — Professor, @ **MIT, Caltech, Ex-Google, Palamedrix** — *Closing the loop in distance education using generative AI*

Ava Amini — Senior Researcher **Microsoft**, PhD, **MIT** — *AI to Optimize Biology*

...Block 1 11 AM

Catherine Havasi — AI & NLP for reducing risk, **Babel Street**, Alum, **MIT** — *Planning for our techno-collaborative future"*

Christina Lopes — CEO, **The One Health Company & FidoCure** — *AI and genetics to fight cancer - on both sides of the leash Better?*

Cynthia Zeng — PhD Candidate, **MIT** — *Artificial Intelligence for Climate Resilience*

Dan Elton — Dr., **Mass General Brigham Data Science Office** — *AI can augment radiologist's work*

Dylan Ebert — Developer Advocate, **Hugging Face**, PhD candidate, **Brown** — *AI for Game Development*

Daniel Salinas — CEO and Co-Founder **Superplants.io** — *Harnessing the Power of AI to Solve the Climate Puzzle*

Block 2... 12 PM

Fernanda Olivares — **FAMS** Founder — *AInatomies : Body perception by humans and machines*

Harry Glorikian — General Partner **Scientia Ventures** — *The AI Revolution Rocks Healthcare: Improving Outcomes and Empowering Patients and Docs*

Iman Jefferson — CEO, **ThePegasusAI** — *Ai: Our New .com*

Isabella Loaiza — Research Assistant **MIT Media Lab** — *From labor markets to work ecologies*

Iya Khalil — Global Head, AI expert — *Next Generation AI for Accelerating Drug Development*

Jack Gallifant — Doctor **NHS Trust** — *Whose Life Will AI Save?*

...Block 2 1 PM

Javier Viaña Pérez — Postdoc in AI, **MIT** Founder, **Explainnets** — *The Black Box Emergency*

Jeremy Dohmann — Research Scientist, **MosaicML** — *What AI doesn't do: key differences between modern LLMs and biological intelligence*

Joe Penna — Film Director. **Stability.io** — *AI & Hollywood – what's been accomplished recently & what it means for the future*

Joseph Wehbe — Chief AI Ecosystem Builder @ **DAIMLAS** & AI Expert, **World Econ. Forum** — *Building Localized AI Ecosystems is the Challenge to Overcome*

Kehan Zhou — CEO, **Terrascope** — *AI to disrupt the real estate industry*

Kevin Foxe — Executive Producer, **Mandala** — *Will AI change your perception of reality?*

Block 3... 2 PM

Leo Anthony Celi — Assoc. Prof. Medicine, **Harvard Medical School** — *The hype around AI is hurting the field*

Léonard Boussioux — PhD candidate, **MIT & Schwarzman College of Computing** — *How to Solve the United Nations' Sustainable Development Goals in 5 Minutes*

Leticia Izquierdo — Research, City Sciecne, **MIT** — *How Generative AI is changing the Architecture Design*

Logan Nye — Researcher, Ai Med, **Harvard Medical School & MGH** — *Physician & AI Research Scientist?*

Luis Eduardo Pino V — Accelerating hybrid physicians, **OxLER** — *Accelerating hybrid physicians*

Marisa Tschopp — Human-AI Interaction Researcher, **scip AG** — *I ♥ Alexa! The Future of Human-AI Relationships*

...Block 3 3 PM

Mason Grimshaw — Alum, **MIT**, Lakota AI Code Camp — *Inspiring Lakota Youth with AI and ML*

Michael Chen — MechEngineering Student, **MIT** — *Building a Robot + AI*

Michael Lingzhi Li — Incoming Ass. Prof, **HBS, MIT, Cambridge** — *Accelerating Clinical Trials with AI: The Future of AI and Health*

Michael Running Wolf — PhD Student, Software Engineer, AI ethicist — *Indigenous AI*

Mohammad Oli Ahad — Founder and CEO, **Intelligent Machines** — *Activating AI for Enterprises*

Morteza Maleki — R&D Clinical Analytics, **PwC** — *Future of Clinical Trials: Advances and Opportunities*

Block 4... 4 PM

Nasr Sattar — SVP Innovation & Strategy, **NRT Tech & MIT Alum** — *How do you cheat a casino?*

Natan Vidra — Co-Founder / CEO, **Anote** — *Label a few, we label the rest*

Pablo Horneman — AI-enthusiast, **Kore.ai** — *The Current State & Future of AI*

Pat Pataranutaporn — Ph.D. Student, **MIT Media Lab** — *AI-generated Cyborg and the Machine of Multiple Me*

Raj Bala — VP Analyst, **Gartner** — *How Much Do We Owe Bobby Johnson?*

Rajkumar J. Bhojan — Dr., **Fidelity** — *Can we achieve Artificial Empathy?*

...Block 4 5 PM

Ramin Hasani — Principal Sci AI & ML., **Vanguard & RS, MIT** — *What is a Generalist AI System?*

Robert Mahari — JD-PhD, **Harvard Law School and MIT** — *AI Powered Justice, Law of the Future*

Sabs K. Quereshi — Humanitarian Aid & Dev. Expert., Former **USAID** and UN Advisor — *How AI and ML could Decolonize and End the Need for Aid Entirely*

Samson Qian — Graduate Student, **MIT** — *Revolutionizing the Financial Industry with AI for Hedging Portfolio Risks*

Shrikant Savant — Data Analysis & Science Director, **Dassault Systèmes Solidworks Corp.** — *Why design is tedious and how AI will fix that"?*

Somesh Mohapatra — Sr Manager, Analytics & Strategy, **Caterpillar Inc** — *AI for (not so) rare genetic diseases*

Block 5... 6 PM

Soroush Hajizadeh — PhD candidate, **MGH/HMS/Broad Institute** — *How to lead a team of non humans to solve biology and beyond*

Sri Krishnamurthy — CEO, **Quant University** & Faculty at NEU — *Testing AGI: The ultimate quest!*

Tejas Kulkarni — Chairman, CTO, **Common Sense Machines;** Former AI Researcher, **DeepMind**, **MIT** PhD — *3D World Simulation: The last domino before we get AGI*

Tian Cai — PhD, & Founder, **CUNY** — *When drug discovery has no big data to feed data hunger AI*

Tobias Georg Zeulner — Thesis, **MIT** — *A(G)I as personal empowerment? An optimistic case study*

Valdemar Danry — Research Assistant, Fluid Interfaces Group, **MIT Media Lab** — *Harnessing the Power of Artificial Intelligence to Enhance Human Cognition*

...Block 5 7 PM

Vikash Mansinghka — Principal Investigator, **MIT Probabilistic Computing Project** — *AI & Probabilistic Computing*

Yibiao Zhao — Co-founder and CE, **ISEE AI** — *AI & Driving*

Yilun Du — PhD Student, **MIT** — *Generative Artificial Intelligence*

Esther Dyson — Founder, Chair **Wellville** — *Generative AI for dummies*