



ENVISION | 2021
CONFERENCE | Guide

UNCOVERING

OUR

BLINDSPOTS

SCHEDULE

BLOCK 1: Friday, April 9

10 pm - 1 am GMT [6-9 pm EDT // 3-6 pm PDT // 11 pm - 2 am BST // 6-9 am (April 10) CST // 7-10 am (April 10) JST // 8-11 am (April 10) AEST]

Event	Time (ET)	Link
<p>Opening Panel: On the ethics of AI</p> <p>What does robust, safe, ethical AI look like, and how can we design frameworks and circuit breakers for future technologies?</p> <p>Panelists:</p> <p>Ashok Goel, Georgia Institute of Technology Casey Fiesler, University of Colorado Boulder Hong Qu, Harvard University Toby Walsh, University of New South Wales</p>	6:00-7:20 pm	<p>Webinar</p> <p>Zoom ID: 973 4796 1563</p> <p>https://princeton.zoom.us/j/97347961563</p>
<p>Workshop 1: Tatsuyoshi Saijo</p> <p>Neither the market nor democracy, the basic framework of our society, has an eye on the future. Even science does not have such an eye, does it? What must we do now to bequeath sustainable natural environments and societies to future generations? A new framework for looking at the present from the perspective of the future is called "Future Design." Anyone who would like to be a "Future Designer" is welcome.</p>	7:30-8:25 pm	<p>Meeting</p> <p>Zoom ID: 958 5695 1456</p> <p>https://princeton.zoom.us/j/95856951456</p>
<p>Workshop 2: Reza Moini</p> <p>Additive and automated manufacturing technologies for next generation of infrastructure components</p> <p>Additive Manufacturing (AM) has arrived at the shores of the construction industry. This talk will walk you through the realm of additive manufacturing of concrete structures, the realistic opportunities it offers and the cutting-edge technologies that are presently deployed.</p>	7:30-8:25 pm	<p>Meeting</p> <p>Zoom ID: 975 8042 1100</p> <p>https://princeton.zoom.us/j/97580421100</p>
<p>Workshop 3: Caterina Cinel</p> <p>Description coming soon!</p>	7:30-8:25 pm	<p>Meeting</p> <p>Zoom ID: 969 9410 3178</p> <p>https://princeton.zoom.us/j/96994103178</p>



<p>Workshop 4: Jamil El-Imad</p> <p>AI: An intelligence without reasoning! Can we trust it?</p> <p>Workshop blurb description: We currently see stories in the media about how AI is going to be a threat and will render many of us useless. This idea of artificial intelligence is not new. It dates back to over seventy years when Alan Turing, a brilliant scientist and mathematician, published a paper entitled, “Can machines think?” This paper laid the foundations for the AI experimentation to this day. Turing also wrote in this paper that the question of whether “machines can think” is itself too meaningless to deserve discussion! Seventy years on, was he right? Will machines be able to think like humans soon? Human intelligence is based on reasoning that can be explained. Experts in all fields are often challenged and are able to defend their conclusions with reason. The AI systems we are building use numerical estimates and are not able to explain their rationale. So how can we trust AI when it’s reasoning can’t be explained?</p>	<p>7:30-8:25 pm</p>	<p>Meeting</p> <p>Zoom ID: 943 5019 7225</p> <p>https://princeton.zoom.us/j/94350197225</p>
<p>Workshop 5: Tiffany Vora</p> <p>For thousands of years, the connection between healer and patient has been the core of “healthcare” in all its manifestations. However, like many other industries, healthcare is facing the increasing transfer of human jobs to algorithms and robots. What will it mean to be a healthcare worker in a future of abundant technology? What should we be teaching the healthcare professionals of tomorrow - and how? Here we will delve into the tensions between technological progress and one of the most crucial aspects of our humanity: helping and healing each other.</p>	<p>7:30-8:25 pm</p>	<p>Meeting</p> <p>Zoom ID: 943 9595 9220</p> <p>https://princeton.zoom.us/j/94395959220</p>
<p>Networking Session</p>	<p>8:30-9:00 pm</p>	<p>Zoom</p> <p>Zoom ID: 914 4508 3500</p> <p>https://princeton.zoom.us/j/91445083500</p> <p>Glimpse</p> <p>https://app.joinglimpse.com/room?key=286A4A8</p>



BLOCK 2: Saturday, April 10

2-5 pm GMT [7-10 am PT // 10 am - 1 pm ET // 3-6 pm BST // 10 pm - 1 am CST // 11 pm - 2 am JST // 12 am - 3 am (April 11) AEST]

Event	Time (ET)	Link
Opening Session	10:00-10:20 am	Webinar Zoom ID: 973 4796 1563 https://princeton.zoom.us/j/97347961563
Networking Session	10:20-10:50 am	Meeting Zoom ID: 985 0384 6813 https://princeton.zoom.us/j/98503846813 Glimpse https://app.joinglimpse.com/room?key=71ED4A4
Workshop 1: Phil Torres When Did Humanity Discover that It Could Go Extinct? It's pretty obvious to most people today that we could go extinct. But this wasn't always the case—in fact, our contemporary scientific idea of human extinction is a shockingly recent addition to our shared library of concepts. In this workshop, we'll explore the historical twists and turns that led us to the traumatic realization that humanity itself is mortal, focusing in particular on the biggest threats to human survival this century.	11:00-11:55 am	Meeting Zoom ID: 939 5881 4916 https://princeton.zoom.us/j/93958814916



<p>Workshop 2: Anders Sandberg</p> <p>Long-term trajectories of humanity</p> <p>Life extension for the biosphere - what are our ethical obligations to prevent the biosphere from crashing in a billion years? Does this kind of longtermism even make sense?</p>	<p>11:00-11:55 am</p>	<p>Meeting</p> <p>Zoom ID: 944 5762 1107</p> <p>https://princeton.zoom.us/j/94457621107</p>
<p>Workshop 3: Ruby Lee, Princeton University</p> <p>New Attacks on the Hardware Foundations of Computers</p>	<p>11:00-11:55 am</p>	<p>Meeting</p> <p>Zoom ID: 986 6693 0350</p> <p>https://princeton.zoom.us/j/98666930350</p>
<p>Workshop 4: Keira Havens</p> <p>Description coming soon!</p>	<p>11:00-11:55 am</p>	<p>Meeting</p> <p>Zoom ID: 982 9409 5732</p> <p>https://princeton.zoom.us/j/98294095732</p>
<p>Workshop 5: Douglas MacMartin</p> <p>Description coming soon!</p>	<p>11:00-11:55 am</p>	<p>Meeting</p> <p>Zoom ID: 939 3554 9632</p> <p>https://princeton.zoom.us/j/93935549632</p>
<p>Panel Debate: Emerging Technologies in Medicine</p> <p>Panelists:</p> <p>Jean Hebert, Albert Einstein College of Medicine Leila Pirhaji, ReviveMed Miguel Nicolelis, Duke University</p>	<p>12:00-1:00 pm</p>	<p>Webinar</p> <p>Zoom ID: 973 4796 1563</p> <p>https://princeton.zoom.us/j/97347961563</p>



BLOCK 3: Saturday, April 10

10 pm - 1 am GMT [3-6 pm PT // 6-9 pm ET // 11 pm - 2 am BST // 6-9 am (April 10) CST // 7-10 am (April 10) JST // 8-11 am (April 10) AEST]

Event	Time (ET)	Link
<p>Conference-Wide Dialogue: the Future of Cities</p> <p>What should we prioritize as cities develop in the future, where are our greatest blindspots as we grow these cities?</p> <p>Panelists:</p> <p>Anu Ramaswami, Princeton University Jennifer Clark, Ohio State University Vishaan Chakrabarti, University of California, Berkeley</p>	6:00-7:15 pm	<p>Meeting</p> <p>Zoom ID: 965 0898 1287</p> <p>https://princeton.zoom.us/j/96508981287</p>
<p>Networking Session</p>	7:20-7:40 pm	<p>Meeting</p> <p>Zoom ID: 910 1024 7069</p> <p>https://princeton.zoom.us/j/91010247069</p> <p>Glimpse</p> <p>https://app.joinglimpse.com/room?key=727B4F1</p>
<p>Research Symposium</p>	7:50-8:45 pm	<p>Webinar</p> <p>Zoom ID: 973 4796 1563</p> <p>https://princeton.zoom.us/j/97347961563</p>
<p>Closing</p>	8:45-9:00 pm	<p>Webinar</p> <p>Zoom ID: 973 4796 1563</p> <p>https://princeton.zoom.us/j/97347961563</p>

