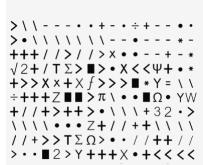




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# RESEARCH SURVEYS



# ILP RESEARCH SURVEY TOPICS 2022 - PRESENT



# **Research Surveys List**

This list is a guide to MIT research on topics that have been of interest to ILP member companies. The list includes research surveys from 2022 to the present and is updated regularly. Please be aware that the older the survey is, the more likely that it may contain projects that are no longer active.

These surveys are accessible /downloadable via the MIT ILP website (login required) here: https://ilp.mit.edu/search/surveys-and-briefs.

#### 2025 SURVEYS

Access to MIT Students, 01/25, 39 pgs

#### **2024 SURVEYS**

AI Applications: Autonomous Vehicles & Robotics, 02/24, 128 pgs AI Applications: Biology, Therapeutics, Medical Monitoring & Treatment, etc., 08/24, 93 pgs AI Applications: Business Management, Cybersecurity, Logistics, etc., 03/24, 93 pgs AI Applications: ChemE, Materials Science, Energy, Earth & Climate Sciences, 07/24, 70 pgs AI Applications: Electrical Engineering, Computer Science, Data, Physics, 07/24, 57 pgs AI Applications: Social Sciences, 05/24, 54 pgs Carbon Capture, Utilization, & Storage (CCUS), 07/24, 63 pgs Career Fairs 2024, 01/24, 6 pgs Energy Storage, 04/24, 86 pgs

#### 2023 SURVEYS

Access to MIT Students, 09/23, 35 pgs Autonomous Vehicles, 03/23, 99 pgs Bioinspired Materials, 04/23, 43 pgs Generative AI, 07/23, 91 pgs Polymers, 02/23, 101 pgs Sensors: Autonomous Vehicles, City Science, Environment, Infrastructure, 01/23, 44 pgs Sensors: Medicine & Biosensors, 01/23, 65 pgs Sensors: RFID, Nano, Novel, Wearable, Wireless, and Quantum Sensor Networks, 01/23, 86 pgs Sustainability: Building, Urban Design, Transportation, 08/23, 86 pgs Sustainability: Climate Change, 08/23, 85 pgs Sustainability: Economics, Business, Economic Development, 08/23, 82 pgs Sustainability: Renewable Energy, 08/23, 102 pgs

#### 2022 SURVEYS

AI Applications: Biosciences & Medicine, 09/22, 112 pgs Carbon Utilization, 05/22, 14 pgs Corporate Accelerators / Venture, 01/22, 26 pgs Hydrogen, 05/22, 61 pgs Manufacturing: Automation, Robotics, 04/22, 46 pgs Materials: Alloys, Carbon, Metals, 01/22, 56 pgs The Metaverse, 08/22, 33 pgs Sustainability: Corporate Strategies & Practices, 06/22, 28 pgs Telecom: 5G Technology (brief, informal), 03/22, 17 pgs

#### Alphabetical List of Topics 2022 to present

# Α

Access to MIT Students, 01/25, 39 pgs AI Applications: Autonomous Vehicles & Robotics, 02/24, 128 pgs AI Applications: Biology, Therapeutics, Medical Monitoring & Treatment, etc., 08/24, 93 pgs AI Applications: Biosciences & Medicine, 09/22, 112 pgs AI Applications: Business Management, Cybersecurity, Logistics, etc., 03/24, 93 pgs AI Applications: ChemE, Materials Science, Energy, Earth & Climate Sciences, 07/24, 70 pgs AI Applications: Electrical Engineering, Computer Science, Data, Physics, 07/24, 57 pgs AI Applications: Social Sciences, 05/24, 54 pgs Autonomous Vehicles, 03/23, 99 pgs

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Bioinspired Materials, 04/23, 43 pgs

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Carbon Capture, Utilization, & Storage (CCUS), 07/24, 63 pgs Carbon Utilization, 05/22, 10 pgs Career Fairs 2024, 01/24, 6 pgs Corporate Accelerators / Venture, 01/22, 26 pgs

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Energy Storage, 04/24, 86 pgs

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Hydrogen, 05/22, 61 pgs

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Manufacturing: Automation, Robotics, 04/22, 46pgs Materials: Alloys, Carbon, Metals, 01/22, 56 pgs The Metaverse, 08/22, 33 pgs

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Polymers, 02/23, 101 pgs

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# S

Sensors: Environmental Sensing, Autonomous Vehicles, Urban & Infrastructure, 01/23, 44 pgs Sensors: Medicine & Biosensors, 01/23, 65 pgs Sensors: RFID, Nano, Novel, Wearable, Wireless, and Quantum Sensor Networks, 01/23, 86 pgs Sustainability: Building, Urban Design, Transportation, 08/23, 86 pgs Sustainability: Climate Change, 08/23, 85 pgs Sustainability: Corporate Strategies & Practices, 06/22, 28 pgs Sustainability: Economics, Business, Economic Development, 08/23, 82 pgs Sustainability: Renewable Energy, 08/23, 102 pgs

## T - Z

Telecom: 5G Technology (brief, informal), 03/22, 17 pgs