



# 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 Please be aware that the older the survey is, the more likely that it may contain projects that are no longer active.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  
Career Fairs 2025, 01/25, 8 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  
Energy Storage, 04/24, 86 pgs

## 2023 SURVEYS

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**

### **A**

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AI Applications: Biosciences & Medicine, 09/22, 112 pgs

AI Applications: Business Management, Cybersecurity, Logistics, etc., 03/24, 93 pgs

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Autonomous Vehicles, 03/23, 99 pgs

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Bioinspired Materials, 04/23, 43 pgs

### **C**

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Corporate Accelerators / Venture, 01/22, 26 pgs

### **D**

### **E**

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### **F**

### **G**

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### **H**

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### **I**

### **K**

### **L**

### **M**

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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

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**T - Z**

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