

2021 / 2022



MITTIC 2022 NASA'S Intellectual Property (IP) List



Your team will choose **ONE** NASA IP to create a spinoff concept for commercialization.
Make sure the concept is:

Innovative • Commercially Viable • Feasible

MITTIC 2022 IP List

1. [Passive Nutrient Delivery System \(PONDS\)](#)
<https://technology.nasa.gov/patent/KSC-TOPS-81>



Environment



Mechanical and
Fluid Systems

2. [Seal with Integrated Shroud to Protect from Exposure to Extreme Environments](#)
<https://technology.nasa.gov/patent/LEW-TOPS-116>
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3. [Portable Unit for Metabolic Analysis \(PUMA\)](#)
<https://technology.nasa.gov/patent/LEW-TOPS-16>



Health, Medicine,
and Biotechnology



IT and Software

4. [Adaptive Algorithm and Software for Recognition of Ground-based, Airborne, Underground, and Underwater Low Frequency Events](#)
<https://technology.nasa.gov/patent/LAR-TOPS-305>
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5. [Puncture-healing Engineered Polymer Blends](#)
<https://technology.nasa.gov/patent/LAR-TOPS-224>



Materials and Coatings



Robotics, Automation,
and Control

6. [Autonomous Pop-Up Flat Folding Explorer Robot \(A-PUFFER\)](#)
<https://www.jpl.nasa.gov/robotics-at-jpl/a-puffer>
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7. [Cord Tension Measurement Device \(C-Gauge\)](#)
<https://technology.nasa.gov/patent/msc-tops-83>



Sensors

8. [Electric Field Imaging System](#)
<https://technology.nasa.gov/patent/LAR-TOPS-116>
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Websites listed for each IP have detailed information about the technologies, benefits and applications. Make sure to print off your IP's PDF fact sheet when creating your concept paper.