



NASA, Partners Launch Virtual Hackathon to Develop COVID-19 Solutions

NASA, ESA (European Space Agency) and JAXA (Japan Aerospace Exploration Agency) are inviting coders, entrepreneurs, scientists, designers, storytellers, makers, builders, artists, and technologists to participate in a virtual hackathon May 30-31 dedicated to putting open data to work in developing solutions to issues related to the COVID-19 pandemic. During the global Space Apps COVID-19 Challenge, participants from around the world will create virtual teams that – during a 48-hour period – will use Earth observation data to propose solutions to COVID-19-related challenges ranging from studying the coronavirus that causes COVID-19 and its spread to the impact the disease is having on the Earth system. Registration for this challenge opens in mid-May. For more information visit: <https://www.nasa.gov/press-release/nasa-partners-launch-virtual-hackathon-to-develop-covid-19-solutions>



COVID-19 Challenge will be the program's first global virtual hackathon.

NTR: the First Step in Helping NASA Make the Most of Your Technology!

Disclosing your invention by submitting a New Technology Report (NTR) is the first step in helping NASA make the most of your technology. NTRs are essential to the achievement of NASA's mission, they protect valuable intellectual property, protect agency's assets, and maximize use of cutting-edge technologies across the agency. NTRs also contribute to the good of society. Your work has a chance to make a difference in the world by saving lives, improving quality of life and creating job and boosting the economy.

NTRs can also benefit YOU! If an invention is patented and licensed, there is a chance for royalties. You can become eligible for NASA awards, Ames Tech Transfer awards or external organization awards like FLC; inventors are eligible for ICB awards; challenge coins, R&D 100 and center recognition events.

Federal laws require that technology transfer be pursued for new technologies developed with taxpayer dollars. NASA Civil Servants, contractors, grantees and sub-contractors are required to report their technologies under the NASA Policy Directive 2091.1 "Inventions Made by Government Employees." Contractors and grantees may be subject to NASA Federal Acquisition Regulations (FAR) Supplement 1852.227. Anyone whose research is funded by NASA, regardless of the mechanism, must report their technologies to NASA.

If you have any questions on how to report your technologies, please contact Kelly Garcia at Kelly.L.Garcia@nasa.gov or Manka Ahluwalia at manka.ahluwalia@nasa.gov. For more information, or to submit your technology to the NTR, visit:

<https://invention.nasa.gov>



New Technology Report (NTR) System: Improving life on Earth, one technology at a time.

Materials International Space Station Experiment (MISSE) Flight Facility Experiments

NASA's STMD and ISS Program Office released the MISSE Flight Facility (FF) Experiments Call for Proposals on April 27. The MISSE-FF solicits materials and device investigations to be conducted aboard the ISS National Lab. This call is specifically for NASA experiments that will fly as part of the MISSE-15 mission that is tentatively scheduled to launch in early calendar year 2021. NASA proposers are expected to define high-content experiments that explore a broad range of questions or address a very specific, important property, and gather a significant amount of data. The completed MISSE-15 Experiment Nomination Form and MISSE-15 Summary Chart should be submitted via e-mail to Robert Yang, at Robert.L.Yang@nasa.gov no later than **May 22, 2020, 5:00 p.m. PDT**.



MISSE is a series of experiments mounted externally on the ISS that investigates effects of long-term exposure of materials to the space environment.

2020 Exploration Ground Systems Technology & Innovation Call

The Exploration Ground Systems (EGS) Technology Management & Innovation team at Kennedy Space Center (KSC) is committed to leading innovation and technology infusion within the Program to reduce overall Production & Operations (P&O) costs. In order to achieve this goal, the team is seeking innovative ideas from all NASA centers that address EGS Strategic Thrust Areas and High Priority Technology Capabilities/Needs. Phase 1 submission deadline: **May 18, 2020**. For more information visit: <https://nasa-at-work.nasa.gov>

NASA iTech Initiative

NASA's iTech is an initiative to find innovative ideas by identifying and searching for cutting-edge technologies being developed outside of NASA that solve problems here on Earth but also have the potential to address the challenges facing exploration of the Moon and Mars. NASA iTech resides within STMD at NASA Headquarters, and works in collaboration with the National Institute of Aerospace (NIA). There are two NASA iTech cycles per calendar year, each with its own focus area, and each culminating in an *Ignite the Night* - an event that gives entrepreneurs an opportunity to pitch their technology, which addresses a real-world problem and/or is a potential solution for some of NASA's challenges.

To learn more about the NASA iTech, visit: www.nasaitech.org



Ignite the Night OHIO, a virtual event June 3, 2020 2-4 p.m. EDT

NASA APPEL Knowledge Services Schedule Update

The Ames Project EXcellence Development Program (APEX) in collaboration with the NASA Academy of Program/Project Engineering Leadership Knowledge Services (APPEL-KS) announces that the APPEL 4th quarter courses are now open for registration. In response to the Coronavirus pandemic, APPEL Knowledge Services has postponed all in-person courses. APPEL continues to review their curriculum and scheduled courses to move as many courses as possible to virtual delivery. Please go to the APPEL website for more information: <https://appel.nasa.gov>

Course: APPEL-Presentation Skills for Technical Professionals

Date: July 30, 2020

Registration Deadline: **Thursday, July 16, 2020**