



Links to areas of interest

5. Areas of interest

- a. Material science research in the microgravity environment
 - a-1. ELF (Electrostatic Levitation Furnace)
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/facility/pm/elf/>
https://humans-in-space.jaxa.jp/kibouser/library/item/poster_en_elf.pdf
- b. Life science research in the space environment
 - b-1. PCG (Protein Crystal Growth)
<https://humans-in-space.jaxa.jp/protein/en/index.html>
https://humans-in-space.jaxa.jp/kibouser/library/item/poster_en_PCG.pdf
 - b-2. Cell Culture
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/facility/pm/cbef/>
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/facility/pm/beu/>
 - b-3. Plant Biology
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/facility/pm/cbef/>
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/facility/pm/beu/>
- c. Extravehicular experiments in the exposed environment of space
 - c-1. CubeSat deployment using J-SSOD (JEM Small Satellite Orbital Deployer)
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/facility/ef/jssod/>
 - c-2. i-SEEP (IVA-replaceable Small Exposed Experiment Platform)
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/facility/ef/i-seep/>
 - c-3. ExBAS (Exposed Experiment Bracket Attached on i-SEEP)
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/facility/ef/i-seep/>
<https://space-bd.com/en/news/20210825.php>
- d. Application to culture, humanities and social sciences, and education
 - d-1. Education
<https://humans-in-space.jaxa.jp/en/biz-lab/experiment/theme/educational/>
 - d-2. Art and Culture
<https://iss.jaxa.jp/en/kiboexp/theme/epopilot/>