

# RESEARCH TOPICS

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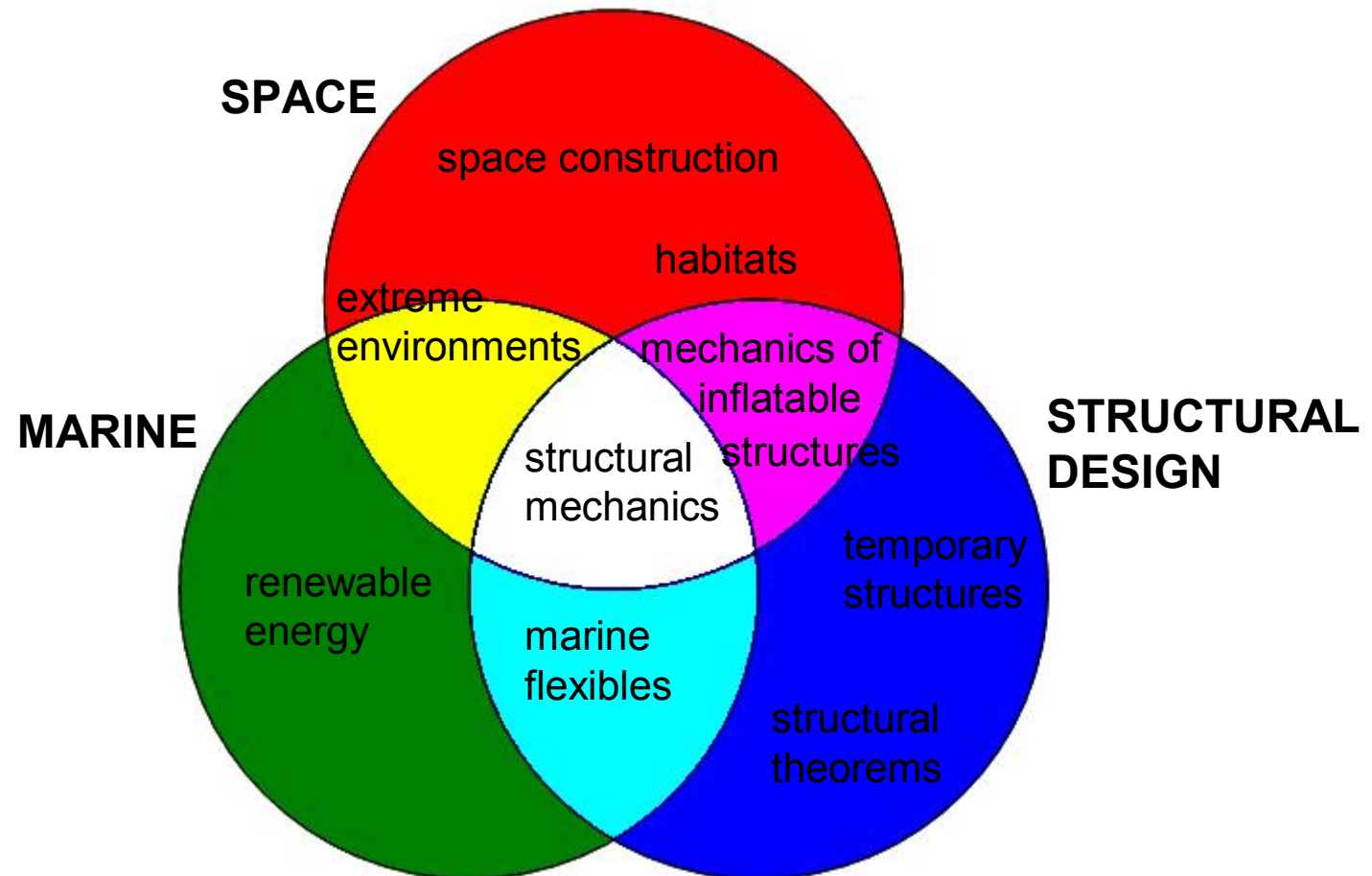
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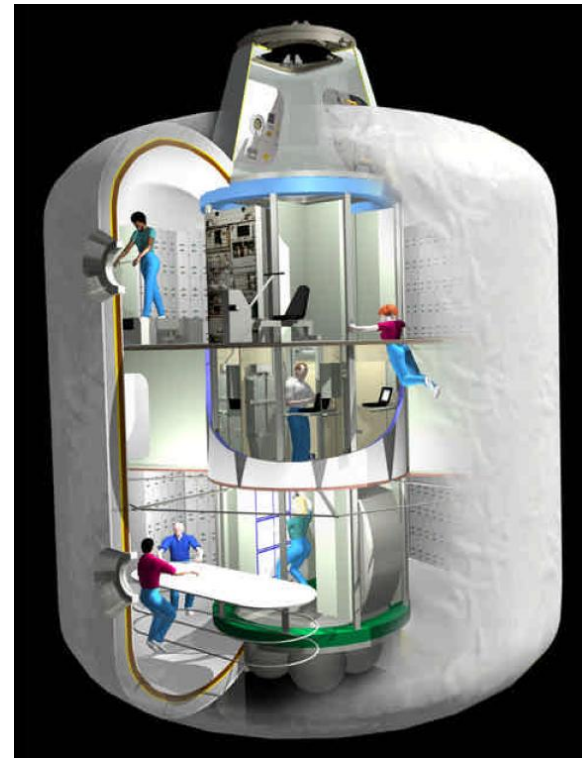
- Research areas
- Topic 1 – space habitats
- Topic 2 – design of inflatable structures
- Topic 3 – temporary structures
- Further information

# Research Areas



# Topic 1 — Space Habitats

- Lunar habitats
- Orbital habitats



TransHab (image courtesy of NASA)

## Topic 2 — Design of Inflatable Structures

- Structural mechanics
- Use of lobed structures
- Interaction between mechanics and design



ULDB (image courtesy of NASA)

## Topic 3 — Temporary Shelters

- Lightweight/transportable shelters
- Temporary shelters for construction

# Further Information

- Package of papers and presentations
- Website ([www.abl.ie](http://www.abl.ie))
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