

Passive thermal control systems for manned modules

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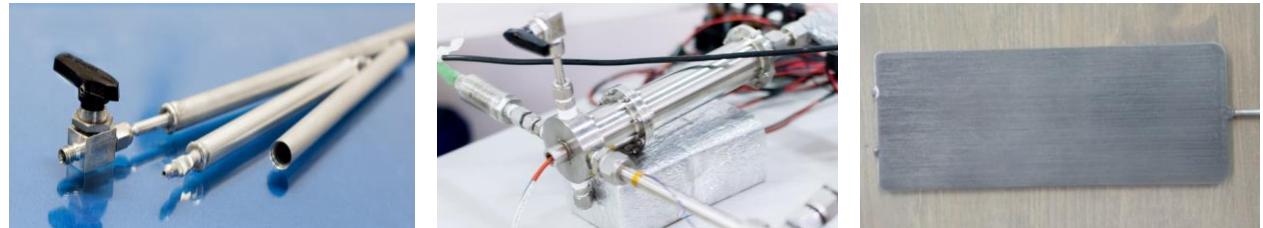
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Category A – Direct Commercialisation of Exploration Outcomes

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Turin, 15-16 March 2018*

WHAT ? Two-phase heat transfer devices



WHY ?

- Efficient heat transfer
- Low complexity
- Operational flexibility
- Limited maintenance

WHERE ?

Manned space modules

HOW ?

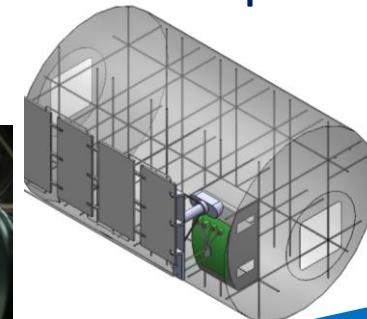
Using low toxicity working fluids



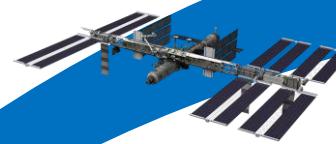
Category A – Direct Commercialisation of Exploration Outcomes

Use in Space

Test in Space



Test on Earth



Use on Earth

