



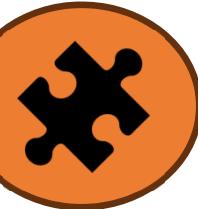
Human Factors Engineering in Advanced Plants: The Future of Remote Operations

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INCREASED USE OF AUTOMATION

CHALLENGES



Human-automation interaction complexities

Fundamental shift in the role of the operator

Situation awareness

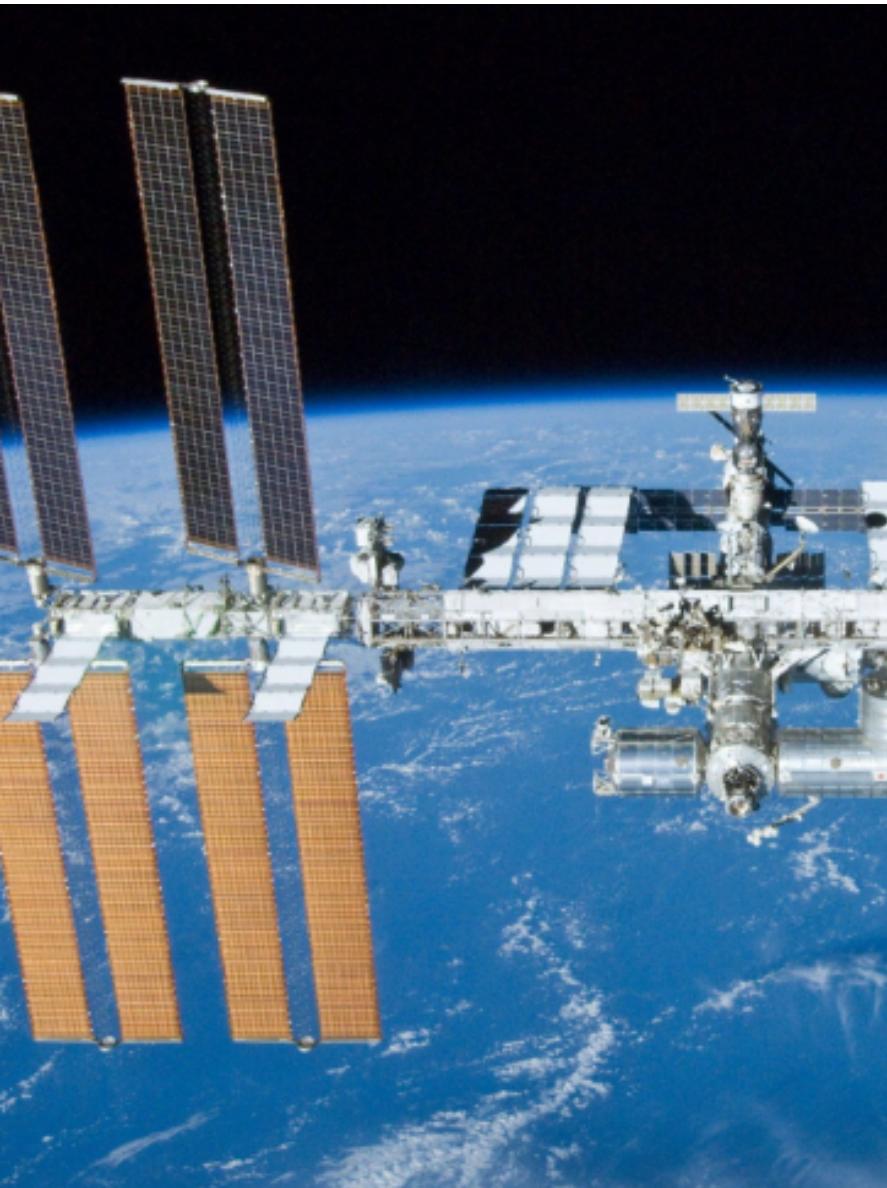
OPPORTUNITY



Reduce operational risk due to human error

Improved diagnostics, allowing for faster fault detection

Innovative thinking leads to long-term fleet sustainability



BENCHMARKING OTHER INDUSTRIES

NASA

Oil & Gas

Autonomous Ships

Air Traffic Control

See “Human Factors Considerations for Remote Operation of Small Modular Reactors” by Claire Blackett, Gyrd Skraaning, Magnhild Kaarstad, and Maren H. Rø Eitrheim