

Cooperation: Adaptability of shared functions between Humans and Machines -Design and evaluation

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▶ To cite this version:

Sridath Tula, Marie-Pierre Pacaux-Lemoine, Emmanuelle Grislin-Le Strugeon, Paulo Santos, Anna Ma-Wyatt. Cooperation: Adaptability of shared functions between Humans and Machines -Design and evaluation. Mardi des Chercheurs, Mar 2024, Mons, Belgium. hal-04554391

HAL Id: hal-04554391 https://hal.science/hal-04554391

Submitted on 22 Apr 2024

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Human-Robot Cooperation: Agent's Cooperation Levels to **Enhance Human-Robot Teaming**

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Context: • To Improve Human-Robot Cooperation in Crisis Management.

Level 2





Level 1

• A fire accident situation in a controlled setting.

Robot B with capabilities Y

• The experimental setup aims to validate and evaluate the proposed cooperation levels.



Robot A with capabilities X

 Among the cooperative tasks are pick-andplace tasks between two robots.



Human-Robot Interface

References:

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