

Man vs. Machine

OR

Man + Machine?

The Need for Human-Machine Collaboration

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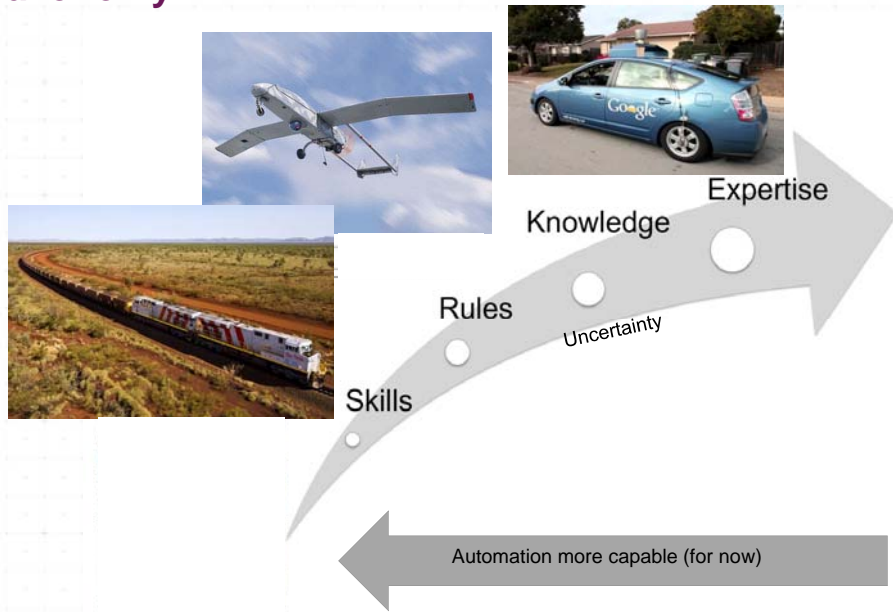


How do we decide if/when to replace a human with a robot?



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SRKE Taxonomy



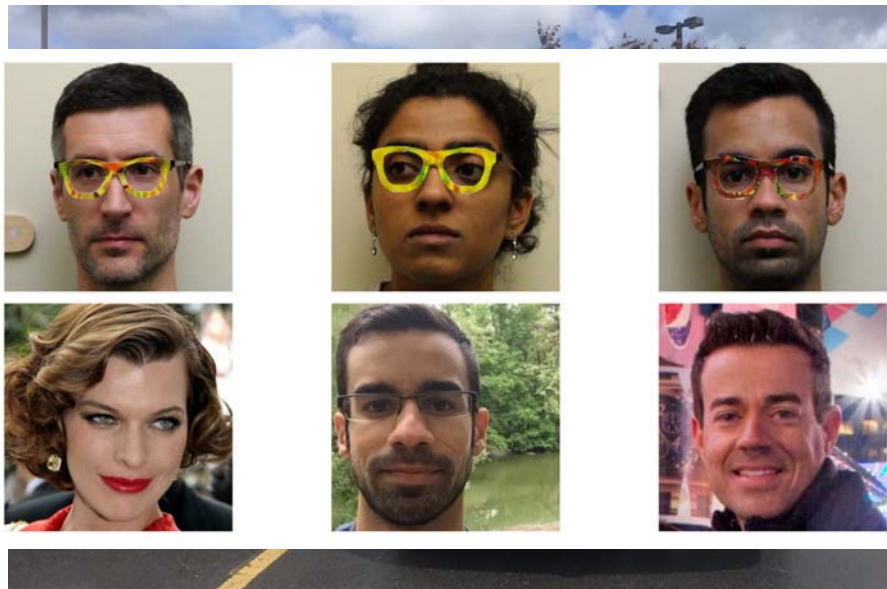
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Understanding human strengths and limitations



5

Understanding autonomy strengths and limitations



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Moving towards joint autonomous-human systems



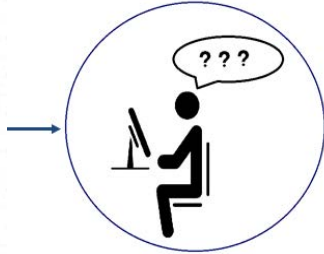
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New paradigms for collaboration

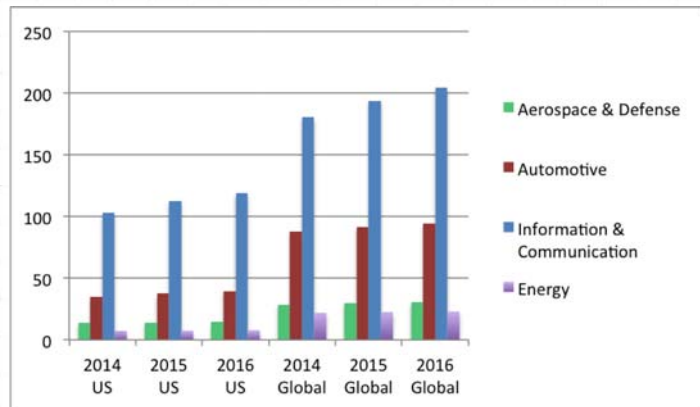


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Future challenges



1. Why did you do that?
2. Why not something else?
3. When do you succeed?
4. How do I correct an anomaly ?
5. When can I trust you?



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Thank You

