

Group Intelligence on Social Robots

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Motivation

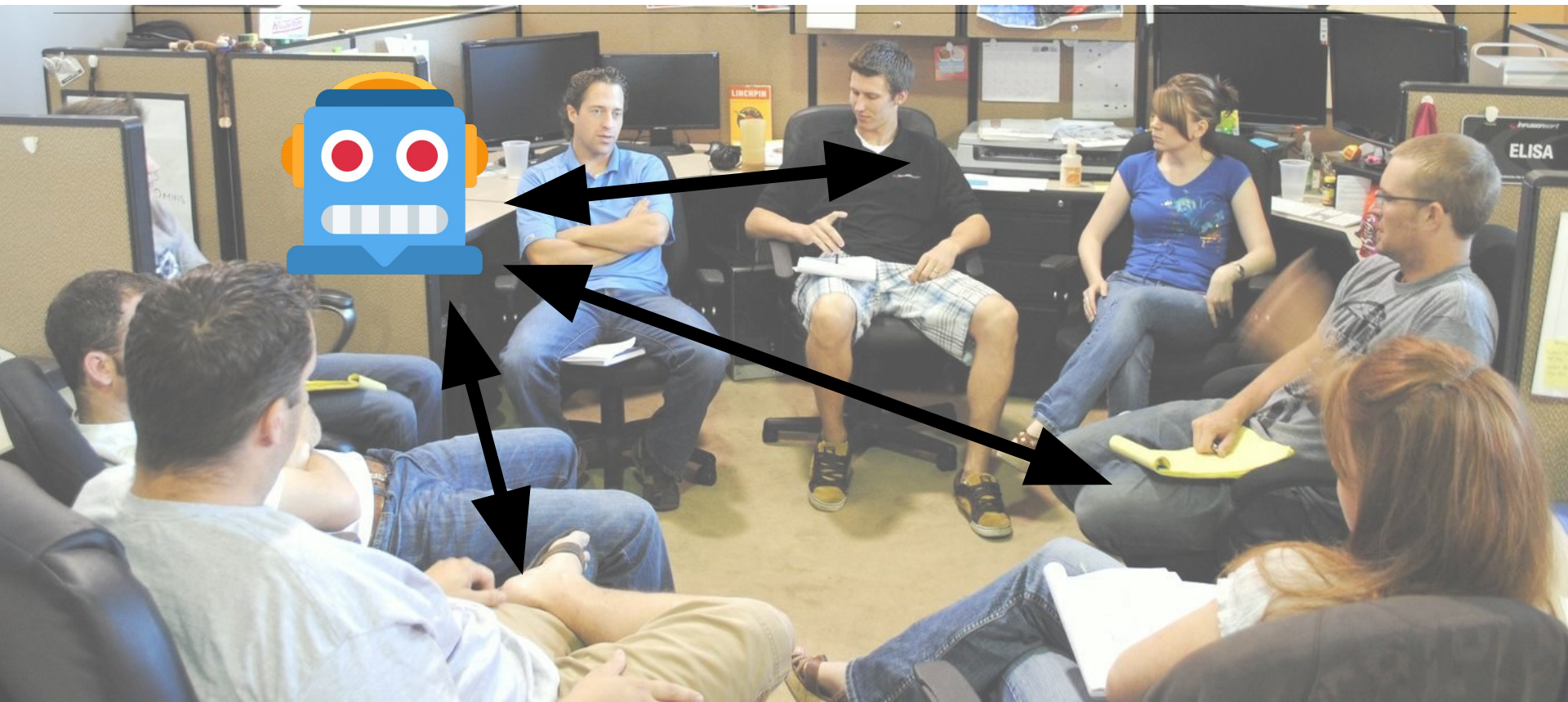
Motivation

“How can robots improve the performance of work groups and teams by acting on social processes?” [1]

[1] M. F. Jung, S. Šabanović, F. Eyssel, and M. Fraune, “Robots in groups and teams”, in Companion of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing. ACM, 2017, pp. 401–407.

Goal

Goal

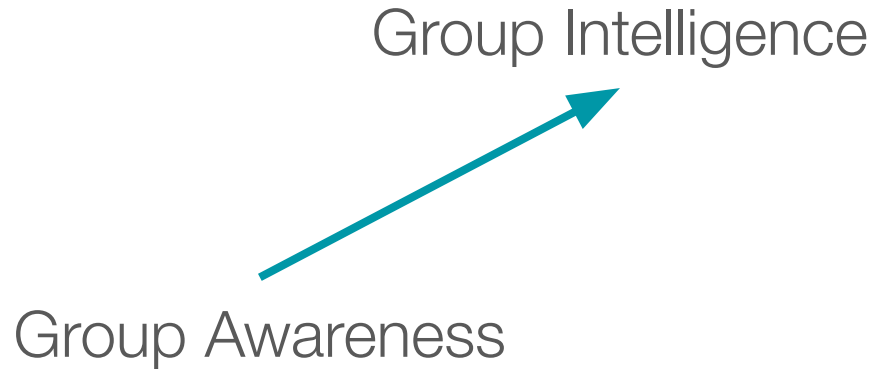


Research Plan

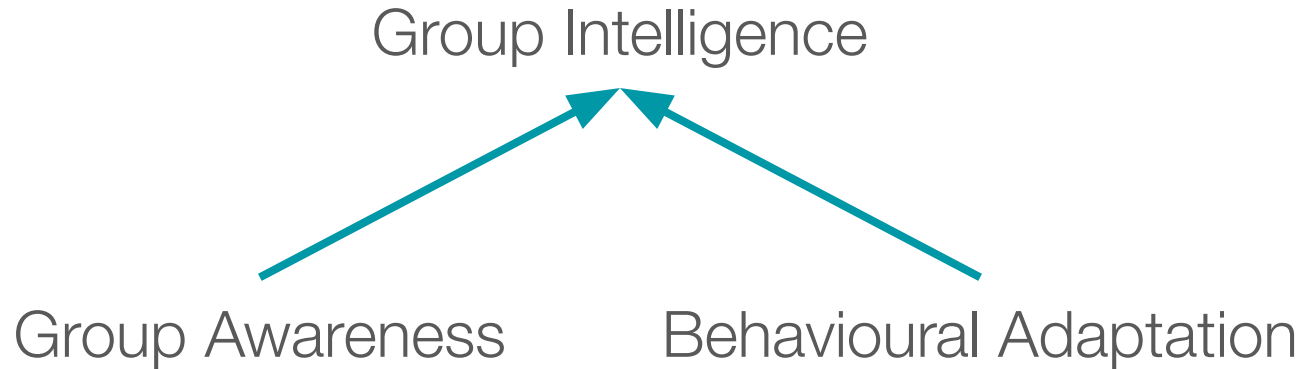
Research Plan

Group Intelligence

Research Plan

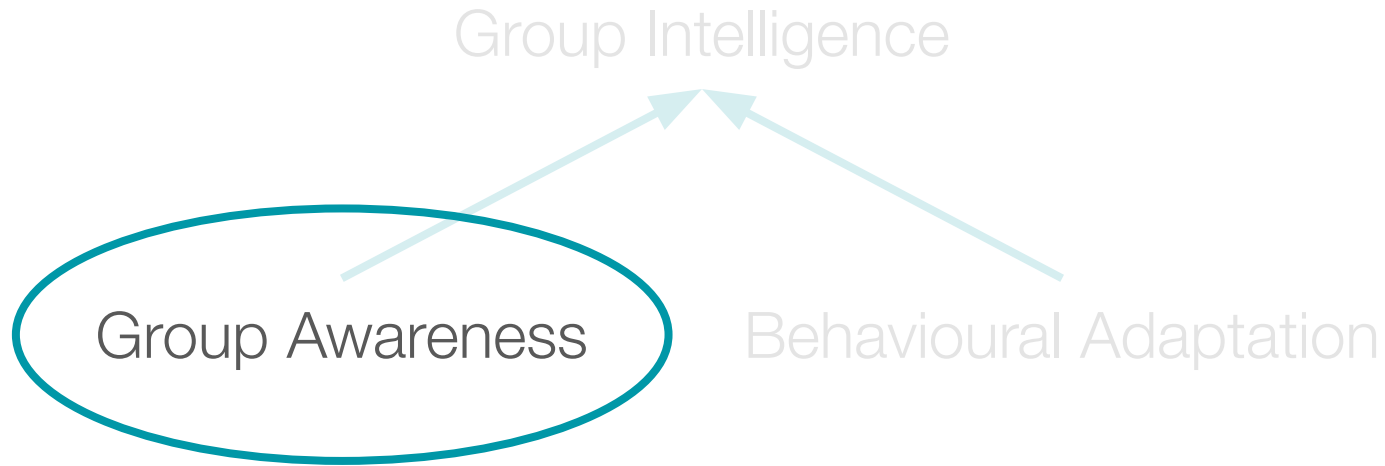


Research Plan

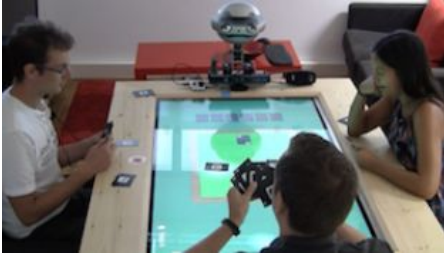


Previous Work

Previous work



Previous work



Trust

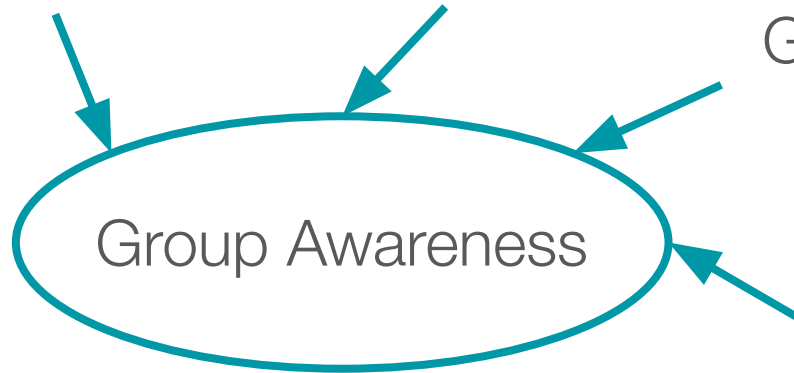
Group Identity



Group-based
Emotions

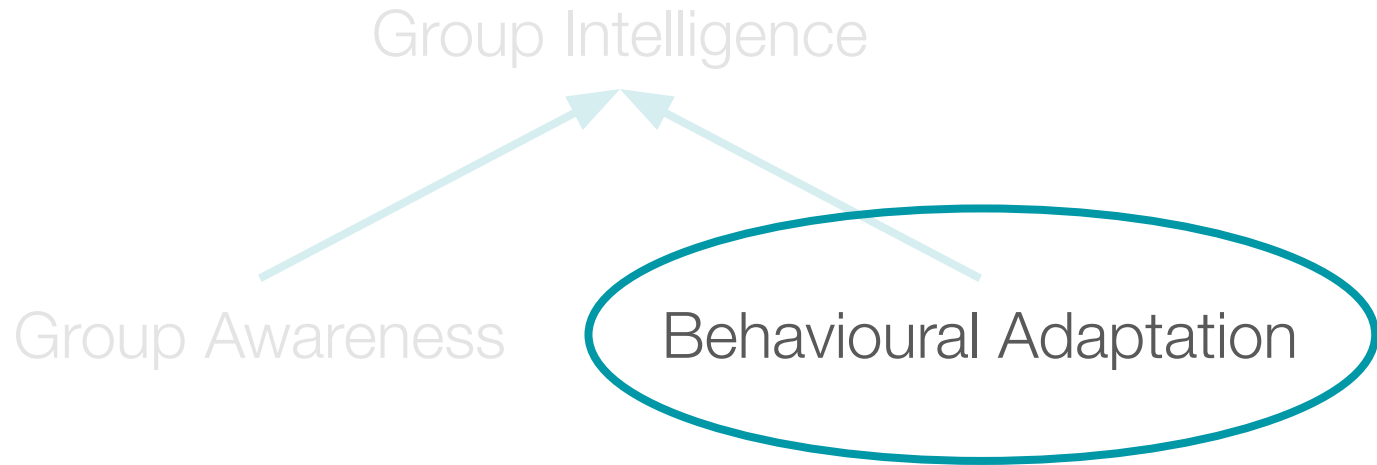


Team
Formation



Future Work

Future work

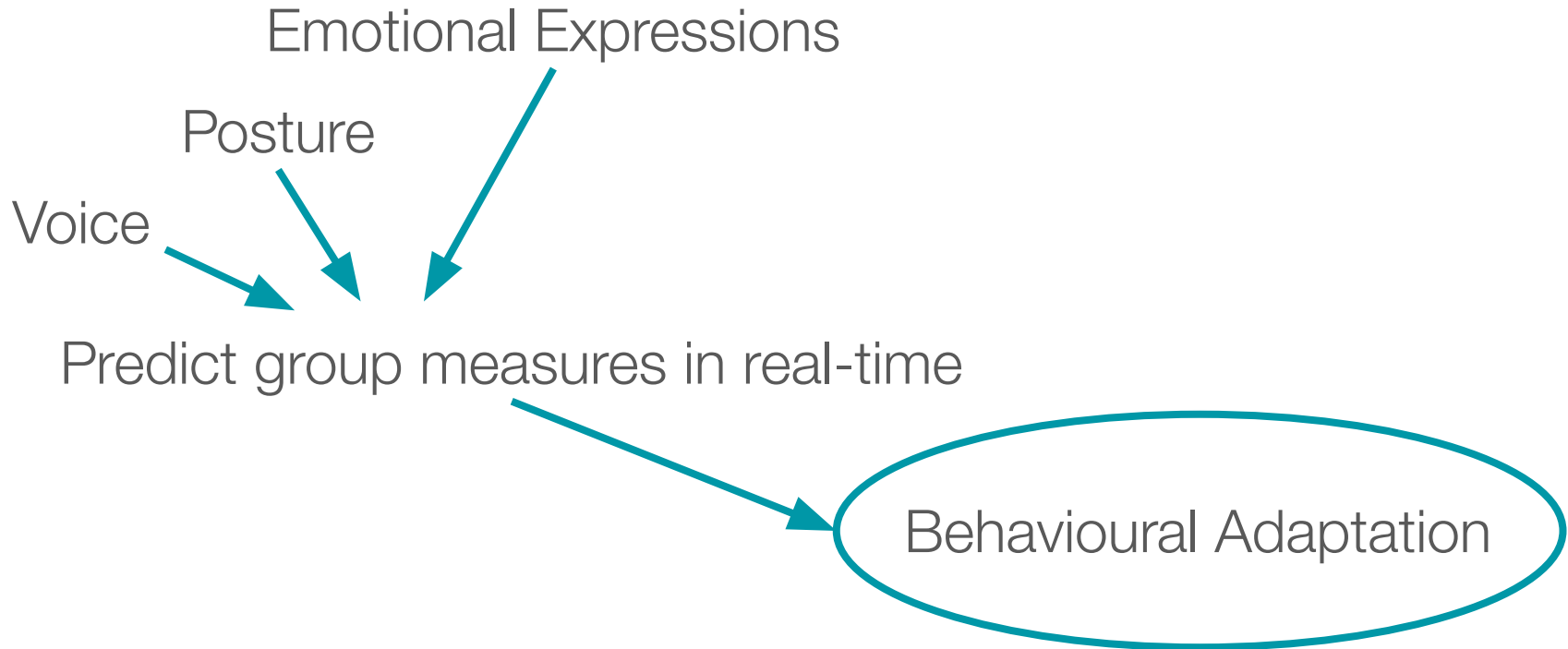


Future work

Predict group measures in real-time



Future work



Future work

