

Sociometric badges in high-stakes setting: living proof

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Client Information

There are countless ways in which individuals and groups can get involved in events that threaten the psychological, physical or societal safety. The research group at the department of Psychology of Conflict, Risk and Safety (PCRS), approaches such threats from a social psychological perspective with crossovers to e.g. clinical psychology, cognitive psychology and work and organizational psychology.

Project Background

PCRS recently purchased "*sociometric badges*", which were developed by Sandy Pentland and his research team at MIT.

These badges (<http://www.sociometricsolutions.com/>) can be used to analyse group interactions (e.g. decision making, group meetings, brainstorming, crisis meetings). They register interaction patterns (physical distance, engagement, interruptions, verbal and nonverbal activity).

Project

Our group wants to use these badges not only for research, but also in practise e.g. with police and military teams that have to make high-stake decisions under high pressure. A user friendly and easy to understand visualisation of team member interactions may function as a intervention tool that contributes to the team performance. This kind of feedback could be provided in real-time.

PCRS is looking for a CreaTe student who is able to develop a team member interactions visualisation and also likes it to collaborate in a young and enthusiastic research group.

Practical Aspects