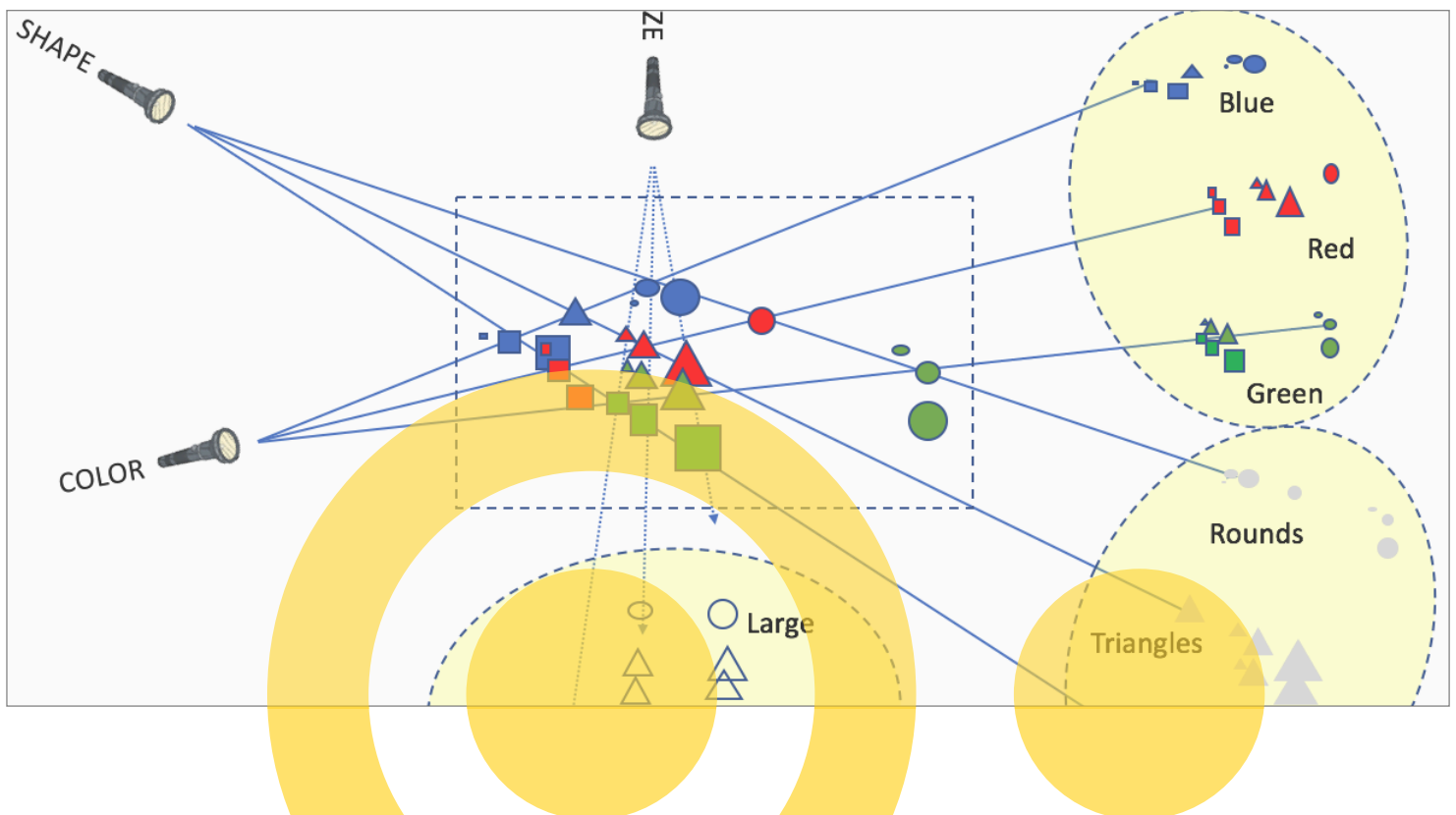


Human-data interaction and a spatial metaphor for epistemic action

Higher Seminar in Media Technology: Wed 18/4 at 13–15 in MD 338



SÖDERTÖRNS HÖGSKOLA | STOCKHOLM

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Fika is generously provided.

The presentation approaches computer-mediated explorative analysis of **DATA AS** a chain of **EPISTEMIC ACTIONS**. Leaning on the perspectivist interpretation of Gärdenfors's theory of conceptual spaces (2000) suggested by Kaipainen & Hautamäki (2011, 2015, 2018), it presents concepts as 1) dynamically evolving perspective-relative **SPATIAL CLUSTERS** and 2) compares **COGNITIVE PERSPECTIVES** to operative positions in concrete world 3) at which one arrives through temporally consequent epistemic actions. Further, it is proposed that concepts as grounded in that way allow relating to actionability in terms of "**GRASPS**", in harmony with the Lakoff and Johnson's metaphor theory (1980) among a number of theoretical considerations of the relation of cognition with the **SITUATED BODY**. The approach implies applications in **DATA ANALYSIS**, dynamical **MODELS OF LEARNING** and **HUMAN-DATA INTERACTION** design, among others.