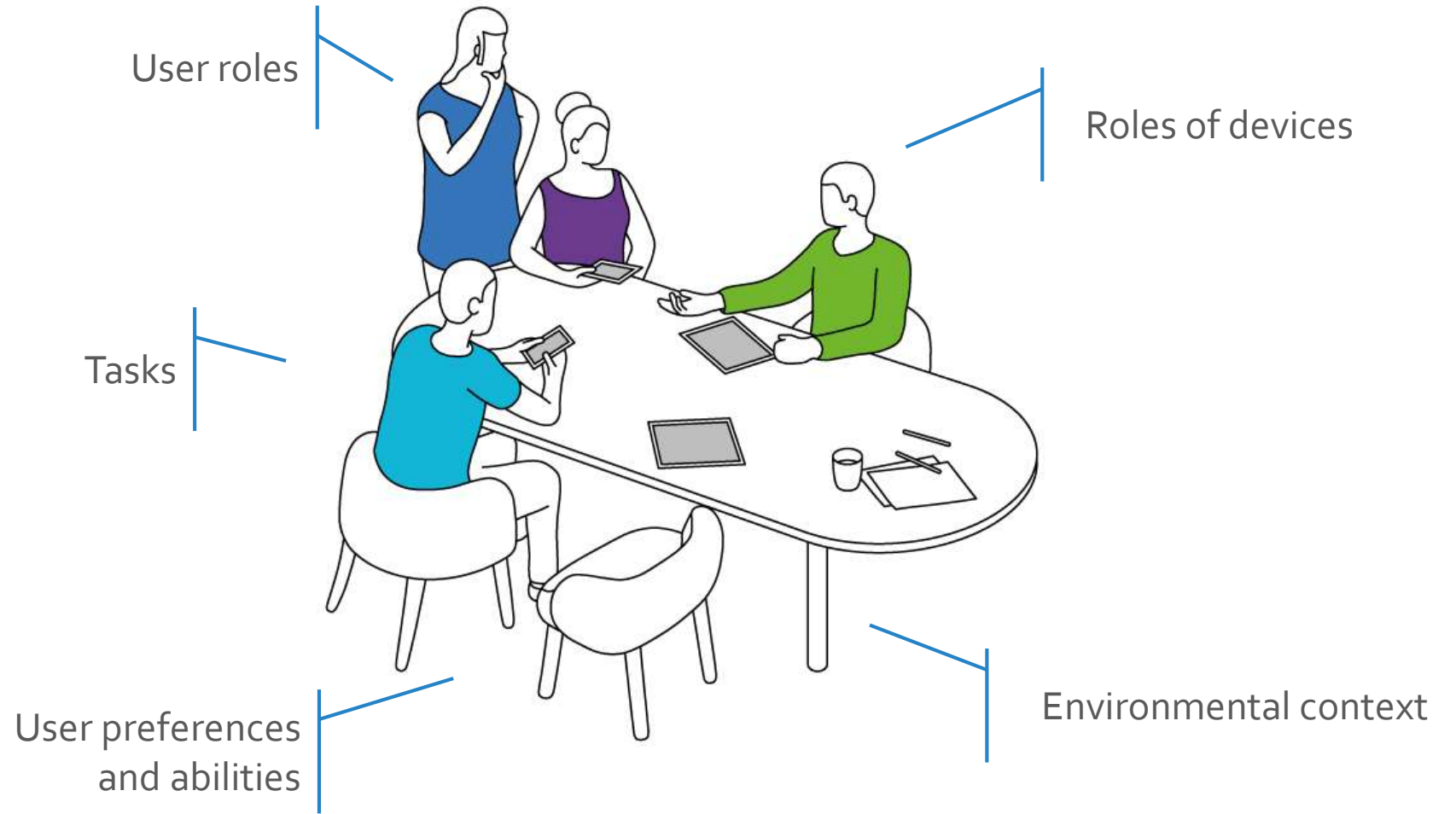


Roles in HCI

Dipl.-Medieninf. Romina Kühn

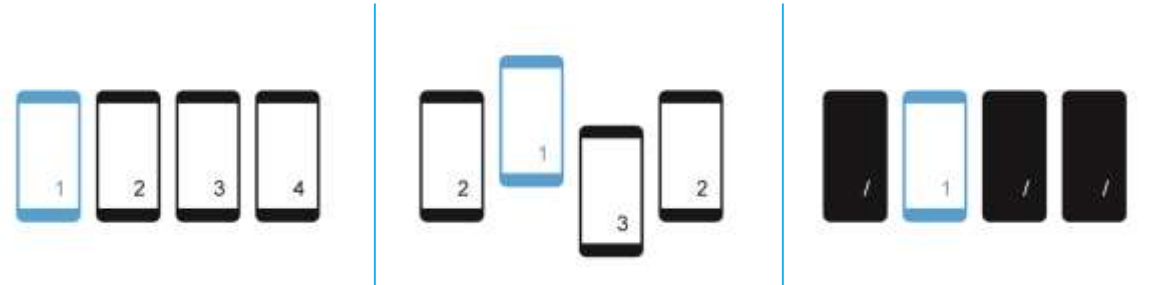
March 13th, 2018

Human- Computer Interaction



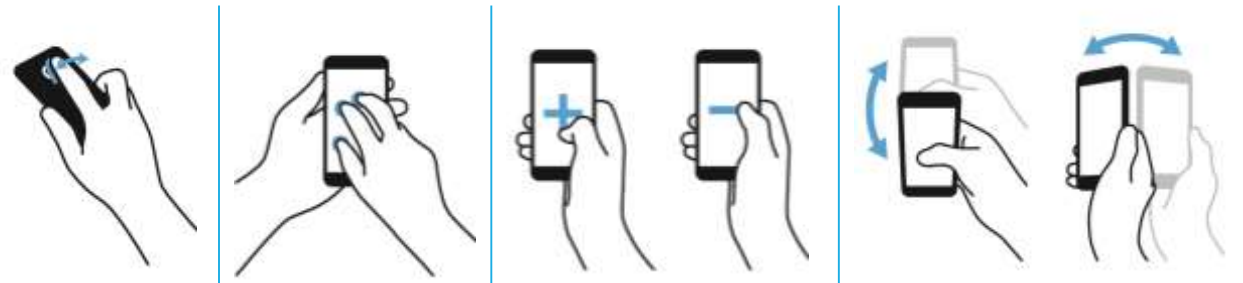
Direct Voting Interactions

[Kühn2016a]



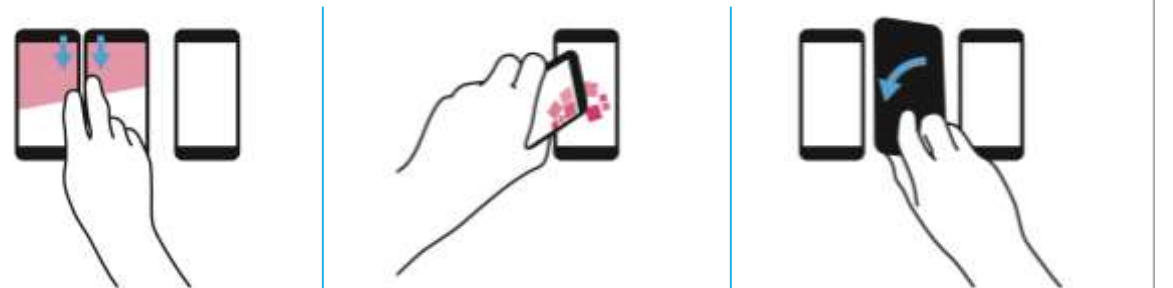
Anonymous Voting & Rating Interactions

[Kühn2016b]



Merging Interactions

[Korzetz2016]



Roles in HCI?

Roles...

- ... as concept to describe interactions
 - For implementation
- ... to adapt interactions at runtime
- ... can be beneficial for interactions designers?
 - Usability test for CROM?
- ... for modeling or execution? Or both?
 - Modeling interactions
 - Investigating usability and user experience of interactions

Modeling interactions

- Context/roles relevant to figure out meaning of interaction
- Using CROM to model interactions
→ short-term
- Comparing CROM and other models
→ mid-/long-term

- Applying RoSI-tools to collaboration scenarios
→ mid-/long-term
- Using HCI methods to investigate usability and UX
- Comparing implementation with and without RoSI-tools
→ mid-/long-term

1. Applying roles to Cube-Its
 - Cubes play role
 - Interaction plays role
 - Task plays role
 - ...→ mid-term
2. Identifying and visualizing roles in collaborative scenarios
→ short-term
3. Implementation with RoleDiSCo
→ long-term
4. Modelling interactions using CROM → short-term



Questions & Discussion