

LFE Medieninformatik • Sascha Goldhofer

Public And Private Workspaces In Interactive Surface Environments

Medieninformatik Hauptseminar
Sommersemester 2009
„Interactive Surfaces“



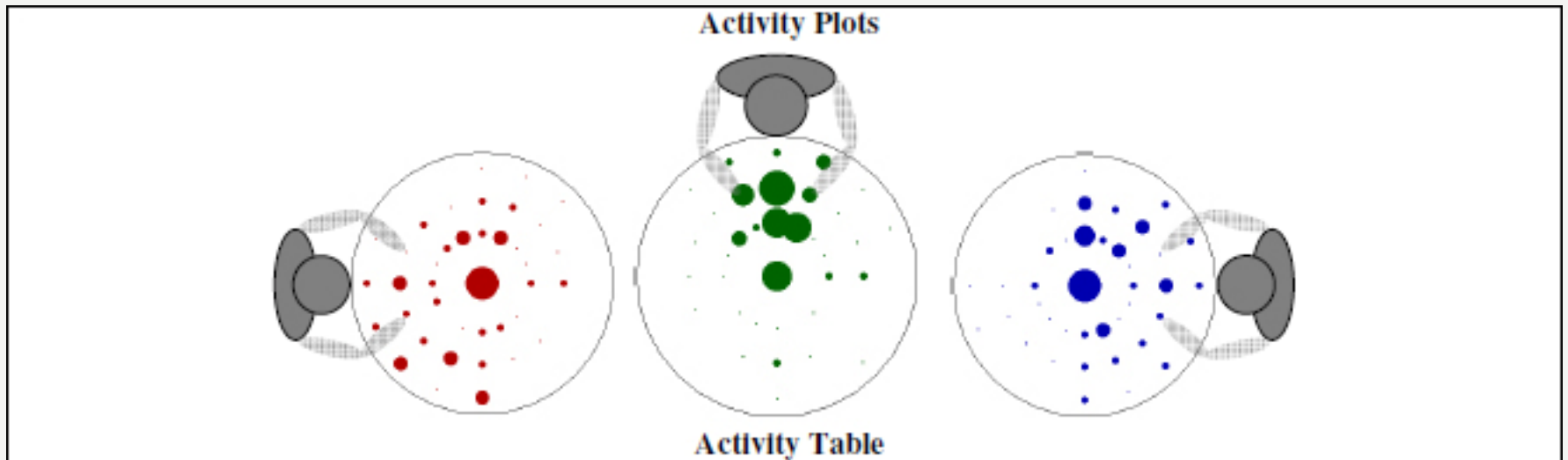


- 1. What Are Workspaces?**
- 2. Workspaces And Collaboration**
- 3. Differences in Workspaces**
- 4. Digital Collaboration**
- 5. Conclusion**



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1. What Are Workspaces?



Activity Plots – Dot Size = Amount of Activity.

Source: Scott, Sheelagh, Carpendale: Territoriality in Collaborative Tabletop Workspaces, 2004

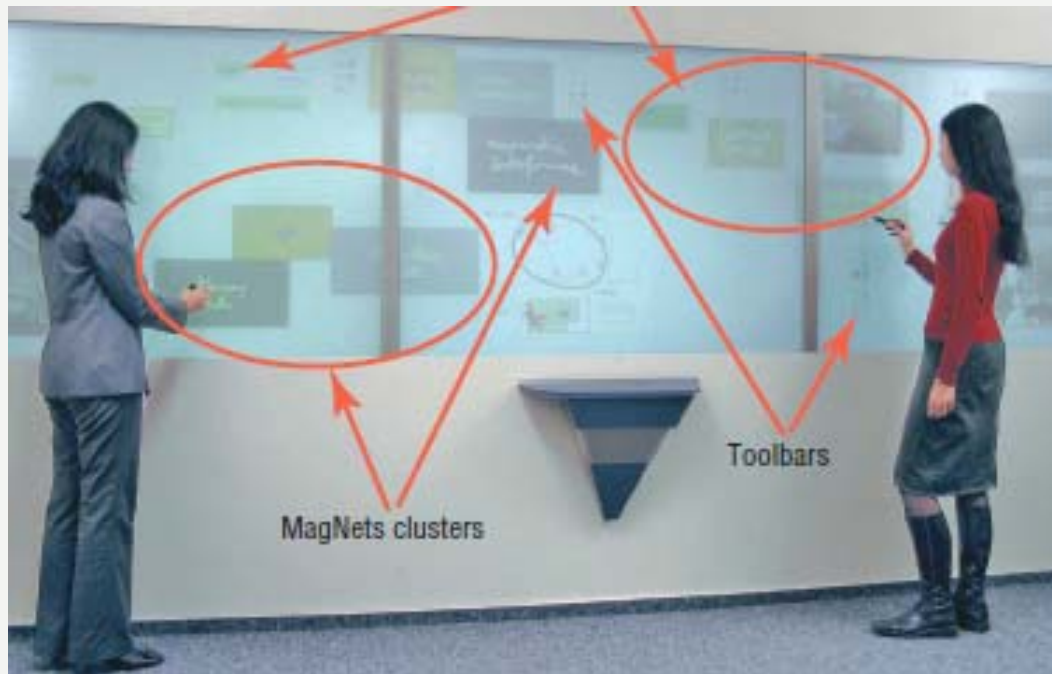


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3. Differences in Workspaces



Vertical Display: DynaWall

Source: Prante and Tandler, Roomware, 2004

3. Differences in Workspaces



Horizontal Display: UbiTable

Source: Shen, Everitt, Ryall: UbiTable: Impromptu Face-to-Face Collaboration on Horizontal Interactive Surfaces, 2003

3. Differences in Workspaces



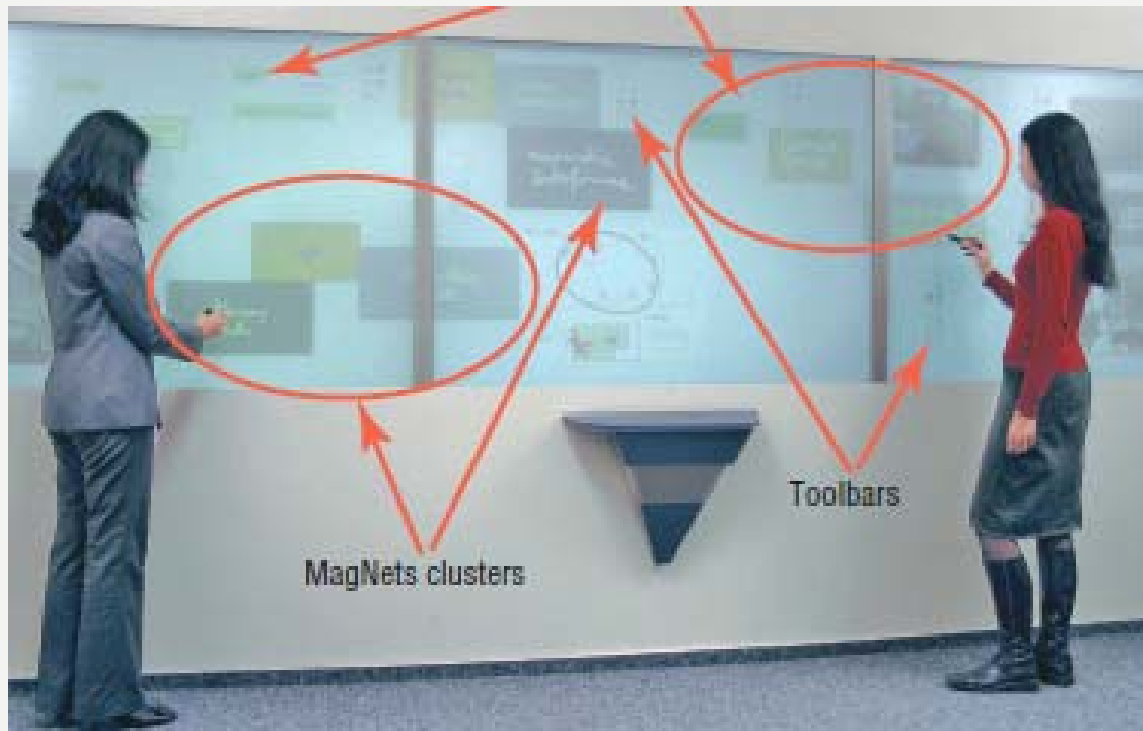
Multiple Displays: WeSpace

Source: Widgor, Jiang, Forlines, Borkin, Shen: WeSpace: the design development and deployment of a walk-up and share multi-surface visual collaboration system, 2009



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4. Digital Collaboration On Vertical Surfaces



Workspaces: DynaWall

Source: Prante and Tandler, Roomware, 2004

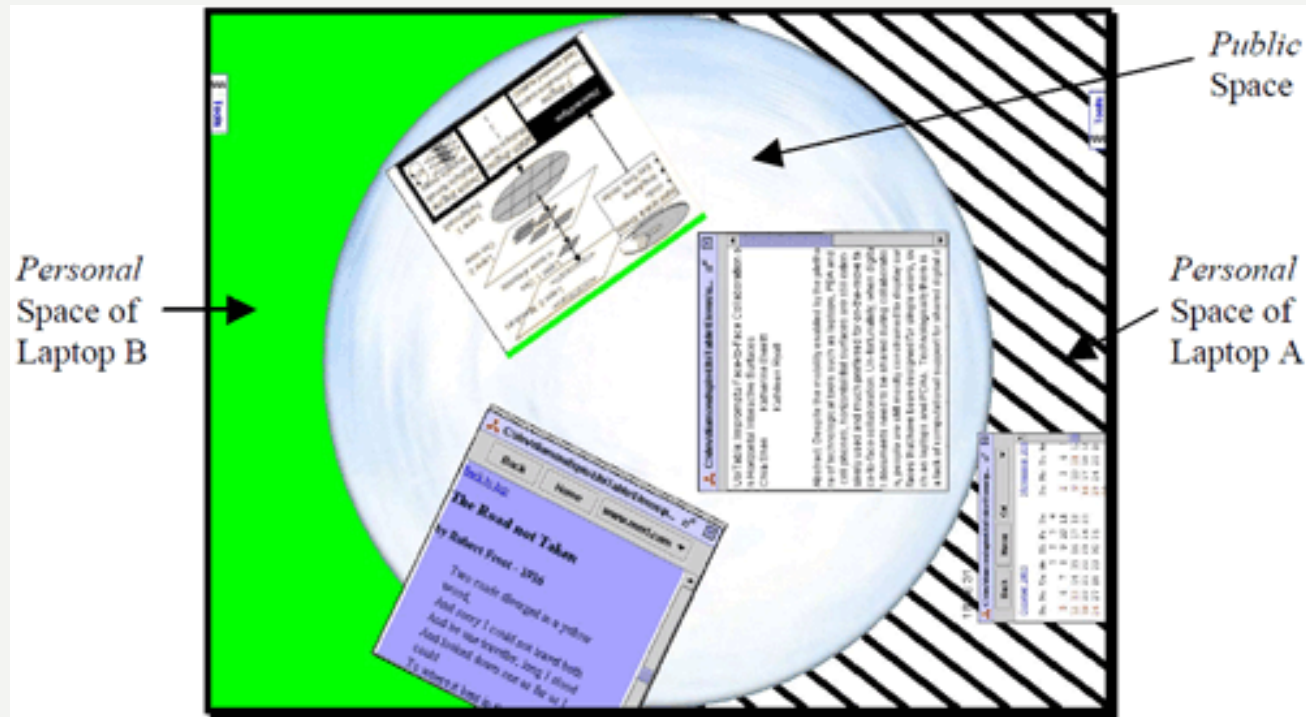
4. Digital Collaboration On Vertical Surfaces



Workspaces: CityWall

Source: Peltonen, Kurvinen, Salovaara, Jacucci, Ilmonen, Evans, Oulasvirta, Saarikko:
It's Mine Don't Touch, 2008

4. Digital Collaboration On Horizontal Surfaces



Workspaces: UbiTable

Source: Shen, Everitt, Ryall: UbiTable: Impromptu Face-to-Face Collaboration on Horizontal Interactive Surfaces, 2003

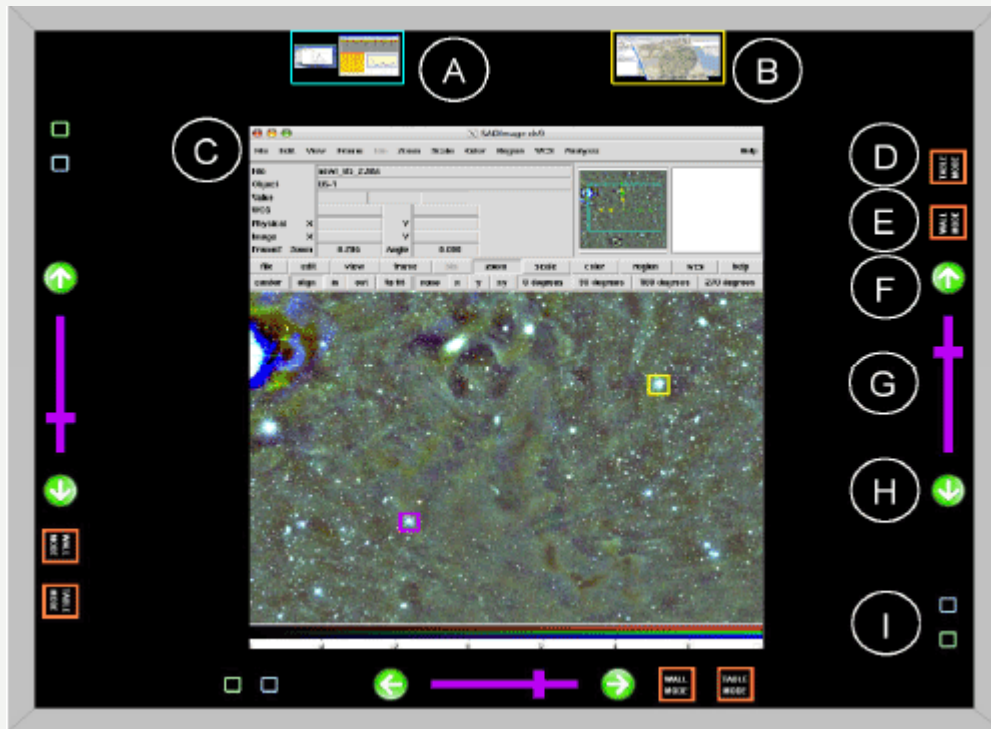
4. Digital Collaboration On Horizontal Surfaces



Workspaces: ConneCTable

Source: Prante and Tandler, Roomware, 2004

4. Digital Collaboration On Multiple Surfaces

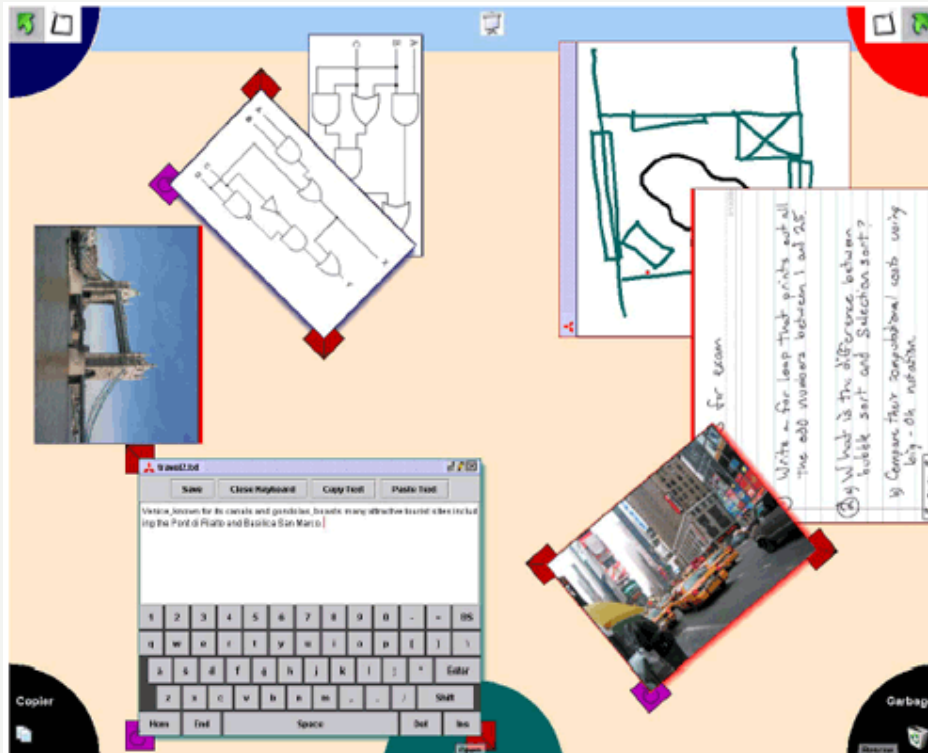


Setup: WeSpace

Workspaces: WeSpace

Source: Widgor, Jiang, Forlines, Borkin, Shen: WeSpace: the design development and deployment of a walk-up and share multi-surface visual collaboration system, 2009

4. Digital Collaboration On Multiple Surfaces



Setup: MultiSpace

Workspaces: MultiSpace

Source: Everitt, Shen, Forlines: MultiSpace: enabling electronic document micro-mobility in table-centric, multi-device environments, 2006



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