Current Topics in Media Computing and HCI

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http://hci.rwth-aachen.de/cthci
Contribution and Benefits Statement

• Describes the contribution made by the paper to research/science and the benefit to the target users

• Example 1, “offers guidelines for the design of interfaces to be used by brain-injured people via the Cyberlink interface; usage can lead to improved communication by the brain-injured.”

• Example 2, “describes a camera-based technique for tracking a laser pointer on a large display, and appropriate interactor widgets: provides an inexpensive way to support group interaction with one display.”
Contribution and Benefits Statement

- Two parts: contribution and benefits

  - Contribution: generic and unique
    - Type of contribution (e.g., interaction technique, interactive system, guidelines, empirical findings, case study) and generic description
    - How it’s unique
    - “offers guidelines for the design of interfaces to be used by brain-injured people via the Cyberlink interface; usage can lead to improved communication by the brain-injured.”
    - Example 2, “finds differences in the effectiveness of three tools for building GOMS models, when examined in terms of four criteria; offers
Contribution and Benefits Statement

• “describes a camera-based technique for tracking a laser pointer on a large display, and appropriate interactor widgets: provides an inexpensive way to support group interaction with one display.”

• Type of contribution? Generic description?

• How is it unique?
Contribution and Benefits Statement

• Benefit

  • An improvement of some sort that can be generated by the contribution

  • “offers guidelines for the design of interfaces to be used by brain-injured people via the Cyberlink interface; usage can lead to improved communication by the brain-injured.”

  • “describes a camera-based technique for tracking a laser pointer on a large display, and appropriate interactor widgets: provides an inexpensive way to support group interaction with one display.” Benefit?
Exercise

• Gestures and widgets: performance in text editing on multi-touch capable mobile devices

• Fuccella et al., CHI ’13

• What is the contribution & benefits statement?
Exercise

• Gestures and widgets: performance in text editing on multi-touch capable mobile devices

• Fuccella et al., CHI ’13

• Contributions & Benefits
  • “We present the **design** and **evaluation** of a gestural text editing technique for touchscreens. Gestures drawn on the soft keyboard are often faster than conventional editing techniques.”