Kaleidoscope Discussion
CSCL: State-of-the-Art and Future Perspectives

Paul A. Kirschner
Utrecht University
Research Centre Learning in Interaction
State-of-the-Art

• Just-in-time (another word for last minute)
• Social (another word for at the bar in the lobby)
• Flexible (another word for can shoot the bull on anything)
Social-cultural perspective

• Situated in human practices: Which humans, in whose cultures, and what practices?
• Who organises this perspective? / How is the ZPD determined?
How many of you comprehend the term "follicular"?

What does "comprehend" mean?
Social-cultural perspective

• Situated in human practices: Which humans, in whose cultures, and what practices?
• Who organises this perspective? / How is the ZPD determined?
• Tool appropriation: How do different peoples use/appropriate different tools?
Social-cultural perspective

• Situated in human practices: Which humans, in whose cultures, and what practices?
• Who organises this perspective? / How is the ZPD determined?
• Tool appropriation: How do different peoples use/appropriate different tools?
• How do we avoid speaking in tongues?
Cognitive Perspective

• To work together you must work on yourself: Collaboration is communication / interaction
• Self-regulation: Skill that requires both learning, feedback and practice
• Orchestration: Who decides the instruments played and the tune that is played?
Causal design view: World of knowledge

Design based upon chosen method

Learning environment based upon design

Skill

Probabilistic design view: World of learning

Design based upon chosen method

Learning environment based upon design

Skill

Partial skill

Skill + Unforeseen
Cognitive Perspective

- To work together you must work on yourself: Collaboration is communication / interaction
- Self-regulation: Skill that requires both learning, feedback and practice
- Orchestration: Who decides the instruments played and the tune that is played?
Cognitive Perspective

• To work together you must work on yourself: Collaboration is communication / interaction
• Self-regulation: Skill that requires both learning, feedback and practice
• Orchestration: Who decides the instruments played and the tune that is played?
Technological Perspective

• The medium is not the message just as the radio is not the music
• Scripts and scaffolds are great pedagogical tools, but are not technologies
• Key is adaptability, ubiquity and invisibility, but based on tested pedagogies
able actually advice allow along amp apple applications around blog blogging bluetooth virtual business card check classroom click conference day device discuss education elementary students even event free graffiti grant gt help here however information input interesting january join keyboarding let listen make mike much need norris others palm handhelds paperclip pencil piece play podcast podcasting post posted presents program put quote quotes read really resources school screen protectors several share sigtc simple small soft reset softreset software soloway speed stages students today subscribe tapped teacher teachers technology text entry think thoughts touch tragedy virtual keyboard voicemail want well windows mobile wireless keyboard without words per work write writing years z22
Human Perspective

• Non-obtrusive
• Non-intentional
• Help and not a hindrance /
  Tool and not a task
Broaden your perspective

See you in Utrecht at

ICLS 2008

June 24 to 28, 2008

Utrecht
The Netherlands
Discussion