



Computer based Interaction Analysis supporting Self-regulation:

Prospects of an emerging research field

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IA ⇒ Research Dimensions/aspects to focus on

...a new research field to work on

- ⊗ *Design of interaction Analysis tools/components & functions*
 - ⇒ More profound indicators and complete models
 - ⇒ Define interpretative schema, for specific conditions/contexts
 - ⇒ Tailored indicators as well as indicators sets (models) for various actors profiles and roles.

- ⊗ *Development*
 - ⇒ Development of IA tools for a wider variety of learning environments
 - ⇒ Independent interoperable tools

- ⊗ *Research on IA tools users (users' requirements, tools' effects)*
 - ⇒ Empirical Results (more results on IA tools effects to users)
 - ⇒ Emphasis on “ethical” aspects and ‘community’ social rules



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⊗ *Development of IA tools*

↳ Design Aim:

Every LE to include/be linked with an IA component/tool

- ⇒ Development of IA tools for a wide variety of learning

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↳ Research:

- (i) users' requirements, (ii) tools usages,
- (iii) IA I significance for the users, (iv) tools' effects

⊗ *Research on IA tools users (users' requirements, tools' effects)*

- ⇒ Empirical Results (more results on IA tools effects to users)
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...a new research field to take into account

⇒ <http://telearn.noe-kaleidoscope.org/> {open archive on TEL}

List of active labs worldwide, on cs IA for selfregulation

⇒ LTEE lab, Aegean Univ., GR, [www.ltee.gr/adimitr]

⇒ GSIC, Univ. Valladolid, [<http://gsic.tel.uva.es/>]

⇒ CoCo Lab (P. Reimann) [<http://coco.edfac.usyd.edu.au/>]

⇒ Collide, Lab, Univ. of Duisburg, [www.collide.info]

⇒ EPFL/CRAFT, (P. Jermann), [<http://craft.epfl.ch/>]

⇒ Beatriz Barros, F. Verdejo, <http://ltcs.uned.es/>

⇒ Amy Soller, [<http://www.cscl-research.com/>]

⇒ Julita Vassileva, [<http://julita.usask.ca/>]

⇒ AGILeViZ Visualisation/students' assessment (CSCL2007- AIED2007)

Biblio