SALL: Design a system to Support Academics' Lifelong Learning

S. Anastopoulou, M. Sharples

Educational Technology group
School of Electronic & Electrical Engineering
University of Birmingham
Aims

- investigate university academics’ learning processes and their difficulties
- specify which of those could be addressed by a learning support system
- create a design concept consistent with academics’ cognition and learning
- specify the system
- define the design space (options & rationale)
- propose a scenario of use and evaluate it
Based on Field studies and Learning theories, we identified a way that technology can support academics. The focus is on learning that results from:

- interactions-discussions
- finding field information (key-papers & people)
- establishment of e-societies
- presentation of information based on context
The Conference metaphor

- Supports discussions, field consortiums, rapid, contextualised and decontextualised learning
- But has predefined timetable, activities, duration

The Symposium metaphor

- Moves from formality to informality
- Refers to familiar terminology

Style of interactions
Design Concept

- Style of interactions

Focal Points
- Discussions (formal and informal)
- Reading material e.g. references
- Field trips, lab-tours

Less important:
- Rooms and other spatial oriented objects
- Duration and academics’ participation times
Design Space & System Specification

Walk around a symposium

Choose topic

Choose event

Attend the presentation
Discuss the presentation
Attend the discussion
Participate in a discussion
chat
...

Evaluate the symposium

View Background References
System Specification

Learn about...

Find a symposium

Start a new symposium

Walk around a symposium
System Specification

- Start a new symposium
  - Specify disciplines
  - Choose/specify the keywords
  - Choose/specify the title
  - Specify session topics (optional)
  - People to be invited
System Specification

- Find an existing symposium
  - Specify learning needs
    - Disciplines of interest
    - Relevant keywords
    - Possible words in the title
    - Possible session topics
    - Names of possible participants
  - Select a symposium from those suggested by the system
Snapshot of SALL (1)

SALL: Supporting Academics' Lifelong Learning

3. Walk around a symposium
[Click on a topic to explore the symposium material and/or to participate in running events]

Title: International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems

Topic 3: Heuristic evaluation
Event: Discussion 'Smart Toys: Brave New World?'
Moderator: G. Cilesis
Discussion history

Last Message: Posted 2 Days Ago by A. Smith

This is the Aroma Cafe, a haven for the tired and thirsty, and those in search of good conversation. Welcome, for fine teas and coffees, excellent donuts and pastries, and our unbeatable scrabble-playing blue Orangutan, Ook. Oh yes, and the life-like statue on the back porch.

Reply previous next

Walk around a Symposium
Title: International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems

Topics:
1. Memory augmentation
2. Agents
3. Heuristic Evaluation
   3.1 Paper Presentation & Discussion
   3.2 Discussion
4. Multimodality
5. Wearable Computing
6. Design for all

Click on the names to see the profile. Click on 'Reply' button to participate to the discussion. Click on 'View discussion history' to view previous messages et al. Click on 'New Discussion' button to start a new one.
3. Walk around a symposium
[Click on a topic to explore the symposium material and/or to participate in running events]

**Title:** International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems

**Topic 3:** Heuristic evaluation

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**Lists of Messages:**

1. Z. Fourier (2 Days ago)
2. M. Costa (3 Days ago)
3. Y. Ciles (4 Days ago)
4. Z. Fourier (4 Days ago)
5. A. Smith (5 Days ago)

**Write discussion's summary**

Start a **New_Discussion**
Evaluation

- Informal Testings

- Formal Testings based on Heuristic Evaluation [Nielsen] & User testing technique [Shneiderman]
Conclusion

- SALL’s comparison with existing systems (e.g. www.h2g2.com, Colloquia)
  - focus
  - user group composition
  - profile specification
  - terminology
  - task-focused interface

- Future development:
  - full implementation
  - deployment
http://www.eee.bham.ac.uk/et_gr/

Thank you

Stamatina Anastopoulou