

AURÉLIEN TABARD

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RESEARCH INTERESTS

I conduct my research in human-computer interaction, with a primary interest in personal information management and e-science. I aim at designing, implementing and evaluating novel system to support scientific work. My thesis research highlights the need to forget as part of information management practices. This is based on extensive field studies of biologists and the participatory design of information management tools bridging the physical and digital worlds.

My Ph.D. dissertation in Computer Science is being reviewed. My advisor is Wendy E. Mackay (INRIA, France). I started my Ph.D. research in october 2005 and my defense is planed for March 2009.

EDUCATION

- 2005-2009 **Ph.D. in Computer Science**
started october 2005, defense in march 2009
Tools for forgetting, from interaction traces to reflection
Advised by Wendy E. Mackay
INRIA & Université Paris-Sud
- 2004-2005 **Master in Computer Science**
Artificial Intelligence and Decision
Université Pierre et Marie Curie (Paris VI), Mention bien (i.e. with honors)
- 2002-2005 **Magistère in Applied Computer Science**
Université Paris V and VI, Mention bien (i.e. with honors)
- 2000-2002 **DEUG MASS (Mathematics Applied to Social Sciences)**
Université René Descartes (Paris V)
- 2000 **Baccalauréat, High School Diploma in Science**
Paris

GRANTS

- 2008 INRIA-Microsoft Research, 3 month position
2005-2008 French government Ph.D. grant: 50.000€ over 3 years
2004 French government internship grant: 1500€

EMPLOYMENT AND INTERNSHIPS

- 2005-2008 **Ph.D. Student**
in|situ| INRIA - LRI (Université Paris-Sud & CNRS), Orsay, France
- mar-sep 2005 **Design and development of a web browser for biology**
Participatory design, Firefox extension (XUL, javascript, rdf)
Institut Pasteur, Paris
- mar-sep 2004 **Design and development of an e-textbook**
UI Design, Java, Swing, XML, Fuzzy logic, Decision system
Fuzzy Logic team, LIP6 (Université Paris 6 Computer Science Lab)

- jul-aug 2003 **Improvements of the Thrustpack prototype**
C++, Motif, Postscript
IFP (French Petroleum Institute)
- jun-aug 2001 **Merchandise Attendant**
Six Flags Magic Mountain, CA, USA

REFEREED PUBLICATIONS

Conference Publications (Long papers)

3. **TABARD, A., MACKAY, W. E. AND EASTMOND, E.**
From individual to collaborative: The evolution of prism, a hybrid laboratory notebook
In *Proceedings of the ACM 2008 Conference on Computer Supported Collaborative Work* (November 08),
CSCW'08, ACM. (*)
[Acceptance rate 23%, 86/370]
2. **YUAN, S., TABARD, A. AND MACKAY, W. E.**
Streamliner: A general-purpose interactive course-visualization tool.
In *Proceedings of KAM'08, International Symposium on Knowledge Acquisition and Modeling (December 2008)*, IEEE Press.
1. **TABARD, A., MACKAY, W. E., ROUSSEL, N. AND LETONDAL, C.**
Pagelinker: Integrating contextual bookmarks into a browser
In *Proceedings of CHI '07, the SIGCHI Conference on Human Factors in Computing Systems.* (April 2007),
ACM, pp. 337-346. (*)
[acceptance rate: 25%, 142/571]

Workshop Publications and Demonstrations

3. **TABARD, A.**
Interfaces réflexives, faciliter la co-adaptation avec des historiques d'interaction
In *Extended abstracts of IHM 2007, 19ème conférence francophone sur l'Interaction Homme-Machine.*
ACM (Novembre 2007) (*)
Doctoral consortium paper
2. **TABARD, A. AND TSANDILAS, T.**
Reactivity notebook, demonstration (*)
In *Copadd 2007: 2nd International Workshop Collaborating over Paper and Digital Documents* (2007)
1. **ROUSSEL, N., TABARD, A. AND LETONDAL, C.**
All you need is log
In *WWW 2006 Workshop on Logging Traces of Web Activity: The Mechanics of Data Collection* (May 2006). 4 pages.

OTHER PUBLICATIONS AND THESES

2. **TABARD, A.**
Interfaces réflexives, faciliter la co-adaptation avec des historiques d'interaction
RJC-IHM 2008, (French HCI Doctoral Symposium) (*)
1. **TABARD, A.**
Conception d'un navigateur web spécifique pour la bio-informatique
Master thesis, advised by C. Letondal and N. Roussel
Institut Pasteur, France (*)

PRESENTATIONS

I presented all the articles marked with a (*).

7. Interactive Patina, from traces of interaction to reflection
pIT lab, IT University Copenhagen, Denmark, november 2008
6. From Individual to Collaborative, the Evolution of Prism, a Hybrid Laboratory Notebook
HCI reading group, MIT CSAIL, Boston, USA, october 2008
5. Supporting researchers' information management practices
Laboratoire de Radioastronomie ENS, Paris, France, october 2008
4. Prism, Cahiers de laboratoire hybride & interaction
Bioinfo seminar, Institut Pasteur, Paris, july 2008
3. Interfaces Réflexives, co-adaptation & historiques d'interaction
Séminaire DAPA, Université Paris 6, june 2008
2. PageLinker
infres Department, ENST, Paris, France, 2007
2. Virtual Patina, within Context Interaction Histories
*Doctoral Consortium (by W. Mackay, M. Beaudouin-Lafon, L. Nigay, B. Mynatt, B. McIntyre, A. Cockburn)
presentation at INRIA Futurs, Paris, France, 2006*
1. with J-B. Labrune: Play! Creativity and ludic design
Interaction Design Institute Ivrea. Milano, Italy, 2006

RESEARCH ACTIVITIES

2009 **Workshop co-organizer**
Interacting with temporal data
ACM CHI 2009 Conference on Human Factors in Computing Systems

Reviewing

2009 ACM CHI'09, Conference on Human Factors in Computing Systems

2008 ACM UIST'08, Symposium on User Interface Software and Technology
ACM CHI'08, Conference on Human Factors in Computing Systems

2007 ACM UIST'07, Symposium on User Interface Software and Technology
ACM CHI'07, Conference on Human Factors in Computing Systems

2006 ACM Transactions on Computer-Human Interaction (ToCHI)

Volunteering

2008 **Student volunteer at CSCW'08**
San Diego, CA, USA
Student volunteer at UIST'08
Monterey, CA, USA

2004-2005 Search Engine and Database Model for www.droit-asile.org,
a web site aggregating french jurisprudence on asylum,
Treasurer of Magistère students' association

TEACHING AND PEDAGOGICAL ACTIVITIES

Supervision

- 2007-2008 **Co-supervision of Shengqiong Yuan for 1 year**
First year Ph.D. student, between France and China
Topic: Interaction and Visualization of temporal data
Co-supervision of Evelyn Eastmond for 7 months
Internship
Topic: Design of a hybrid laboratory notebook

Teaching

I was responsible for the courses. Duties included planning, creating and delivering lectures, conceiving the students projects, preparing final written and oral exams.

- 2007-2008 **Design**
Course in informatics for biology, 9 hours
Institut Pasteur, France
Interface Design and Evaluation
Master in Computer Science, 16 hours
Université Paris 6
Design methods and evaluation
in Introduction to HCI, 12 hours
ENST, Engineering school, France
- 2006-2007 **Participatory Design**
Course in informatics for biology, 9 hours
Institut Pasteur, France
Introduction to Human Machine Communication
First year of engineering school, 12 hours
Institut Galilée, Université Paris 13
Interface Design and Evaluation
Master in Computer Science, 24 hours
Université Paris 6
- 2005-2006 **Introduction to Human Computer Communication**
First year of engineering school, 16 hours
Institut Galilée, Université Paris 13

Teaching Assitant

- 2005-2006 **Participatory Design**
Course in informatics for biology, 9 hours
Institut Pasteur, France
Interface Design and Evaluation
2nd year Master in Computer Science, 20 hours
Université Paris-Sud, France

REFERENCES

Research

Wendy E. Mackay
Research director of the in|situ|team
INRIA, France
mackay@inria.fr
<http://www.lri.fr/~mackay>

Nicolas Roussel
Assistant Professor
Université Paris-Sud
roussel@lri.fr
<http://www.lri.fr/~roussel>

Teaching

Eric Lecolinet

Team leader, ENST

elc@enst.fr

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Additional references available upon request