

List of Participants

Marcello **Aglietti**, ID Consulting - Bruxelles
Bilyana **Alexandrova**, Motion Ltd. - Sophia
Bogomil **Alenxandrov**, Motion Ltd. - Sophia
Henry **Avancini**, IEI (CNR) - Pisa
Vincent **Balat**, Université Paris VII
Michele **Barbera**, Net7 - Pisa
Alessandro **Baretta**, Baretta DE&IT - Milano
Ilias **Bartolini**, Università di Bologna
Thomas **Bartscherer**, University of Chicago
Andrea **Bozzi**, ILC (CNR) - Pisa
Sylvie **Calabretto**, LIRIS (CNRS-INSA) - Lyon
Matteo **D'alfonso**, LMU - Munich
Nicolo **D'Ercole**, Net7 - Pisa
Francesca **Di Donato**, Università di Pisa
Paolo **D'Iorio**, CNRS - Paris / LMU - Munich
Ernesto **Ferrari**, Baretta DE&IT - Milano
Daniel **Ferrer**, ITEM (CNRS-ENS) - Paris
Christophe **Fouquere**, LIPN Université Paris Nord
Hans Walter **Gabler**, LMU - Munich
Danilo **Giacomi**, Net7 - Pisa
Riccardo **Giomi**, Net7 - Pisa
Jean-Louis **Lebrave**, ITEM (CNRS-ENS) - Paris
Xavier **Leroy**, INRIA - Paris
Jean Vincent **Loddo**, LIPN Université Paris Nord
Virginie **Mahdi**, CNRS - Paris
Paolo **Mascellani**, Project BRICKS - Pisa
Michel **Mauny**, INRIA - Paris
Christian **Morbidoni**, Univ. politecnica delle Marche
Luca **Palazzo**, Regione Marche
Francesco **Piazza**, Università politecnica delle Marche
Elena **Pierazzo**, Università di Pisa
Maria Chiara **Pievatolo**, Università di Pisa
Paolo **Puliti**, Univ. politecnica delle Marche
Sebastian **Rahtz**, Oxford University Computing Services
Federico **Ruberti**, Net7 - Pisa
Paolo **Ruffolo**, ILC (CNR) - Pisa
Andrea **Sasanelli**, IBM Semea Semea Sud - Bari
Harald **Saller**, LMU - Munich
Christian **Skaiaa**, University of Bergen
Peter **Thiemann**, University of Fribourg
Antonio **Tolu**, Net7 - Pisa
Giovanni **Tummarello**, Univ. politecnica delle Marche
Francesca **Usala**, Perfect Media Design - Pisa
Davide **Vagheti**, Centro SERRA - Pisa
Guido **Vetere**, IBM Italia - Roma
Salvatore **Viola**, LMU - Munich

The *Groupement de Recherche Européen* (GDREplus) “Hyper-Learning. Modèles ouverts de recherche et d’enseignement sur internet” is a multidisciplinary research infrastructure promoted by the French *Centre National de la Recherche Scientifique* (CNRS) regrouping 27 partners of 9 countries: universities and research centers, a large corporation (IBM) and three small enterprises.

Its overall aim is to create the model of an advanced research, publishing and learning platform for the Humanities.

As a *research platform* Hyper-Learning enables a delocalized community of specialists to work in a cooperative and cumulative manner and to *publish* the results of their work on the Internet. As an *e-learning system* it unites research and education, and envisages not only knowledge transfer, but also the development and enhancement of critical thinking skills among graduate students and young researchers.

Hyper-Learning consists of three integrated components: 1) Research on functional programming for complex interactive Websites; 2) Development of a distributed P2P Web platform; 3) Establishment of a core of Scholarly Communities on the Web and of an appropriate academic and legal framework.

This first workshop will be devoted to a presentation of the current IT developments and to a general discussion and brain storming about the future IT architecture of Hyper-Learning.

Website: <http://www.hyperl.org/>

Contact: Paolo D'Iorio, diorio@ens.fr (coordinator)



IT infrastructure of Hyper-Learning

First Workshop of the
European Research Group
“Hyper-Learning”

1-3 October 2004

Cortona (Italy)

Program

Thursday 30 September 2004

Afternoon: Arrival of participants

Friday 1 October 2004

9:00 Michele Barbera, Paolo D'Iorio, *Introduction*

9:30 **Hyper-Learning Platforms**
Moderator: Alexandrov Bogomil

Thomas Bartscherer, *What is HyperNietzsche?*

Danilo Giacomi, *Inside Hyper-Nietzsche*

11:00 *Coffee break*

11:15 Jean-Vincent Loddo, *Websi-Cola - Web Sites
Conception Language*

13:00 *Lunch*

16:00 **Functional Programming for the Web**
Moderator: Guido Vetere

Xavier Leroy, *A tutorial on functional programming,
with applications to Web programming*

Michel Mauny, *Typed programming languages
for the transformation of XML data*

17:30 *Coffee Break*

17:45 Peter Thiemann, *Web programming with WASH,
present and future*

Alessandro Baretta, Ernesto Ferrari, *AS/Xcaml: a
functional application system for the web.*

Saturday 2 October 2004

9:30: **HyperJournal**
Moderator: Andrea Bozzi

Francesca Di Donato, *Open Publishing in the
Humanities*

Henry Avancini, Nicolò D'Ercole, *HyperJournal*

11:00 *Coffee Break*

11:15 **Hyper-Learning Network**
Moderator: Xavier Leroy

Michele Barbera, *Dynamic Contextualization*

Giovanni Tummarello, Francesco Piazza,
Christian Morbidoni, *Contributing with a scal-
able Semantic Web P2P infrastructure*

13:00 *Lunch*

15:30 **Hyper-Learning Network**
Moderator: Xavier Leroy

Guido Vetere, *Hyper: A Framework for Peer-to-
Peer Data Integration on Grids*

17:30 *Coffee Break*

17:45 **Encoding Languages and Tools**
Moderator: Hans Walter Gabler

Sebastian Rahtz, *Oh brave new world: the fu-
ture of the Text Encoding Initiative*

Paolo Mascellani, *The Scriptorium workpackage
of the BRICKS Integrated Project*

Harald Saller, *Hyper Nietzsche Markup
Language (HNML)*

Sunday 3 October 2004

9:30 **Encoding Languages and Tools**
Moderator: Hans Walter Gabler

Elena Pierazzo, *Electronic Texts in the
Humanities: the wishing well*

Andrea Bozzi, *Philological and linguistic tools
for digital documents scholarly research in the
WEB.*

11:00 *Coffee Break*

11:15 **General discussion.** *Functional Programming,
H-L Platforms, H-L Network: technology integra-
tion models.*
Moderator: Xavier Leroy

Introduced by Jean-Vincent Loddo

First discussants: Michele Barbera, Alexandrov
Bogomil, Guido Vetere.

13:00 *Lunch*

Monday 4 October 2004

Departure of participants

Organized by Michele **Barbera** and Paolo **D'Iorio**