

BONy:
*the European Educational
Social Network*
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BONy project participating at EKAW 2008 conference. **Speech of EKAW2008 Local Organiser & BONy Project Coordinator**

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The **16th EKAW** touch all aspects of modelling and managing knowledge, development of semantic web-based systems and services for the knowledge management, intelligent integration of information, e-learning and education, e-business, social networks, and so on.

I am glad to be involved, here, because **EKAW 2008** represents the main and oldest international forum on Knowledge engineering, today at its 16th edition. **EKAW 2008** Speakers are scientists, university professors or entrepreneurs, coming from all over the world and attracted by the shared interest on Knowledge Management patterns applied to e-education and e-business.

In accordance, **EKAW 2008** represents an important scientific forum where to introduce and highlight **BONy's** R&D activities and, first of all, **BONy's** technological structures and services:

- Ontology-based knowledge representation,
- Semantic information retrieval engine,
- Social Network collaborative approach to research and education.

The **BONy** Consortium believes that all of you, **EKAW 2008** speakers, will express a special interest on **BONy-network** for two kind of issues: on one hand for the core Semantic WEB – based technology towards the WEB 3.0; and on the other, for the core services provided for collaborative e-learning and social networking.

BONy Project

BONy (Babylon & ONtology: Multilingual and cognitive e-Learning Management System via PDA phone) is a **Cognitive Learning Management System** allowing users to personalise their own educational pathway, learning the units strictly requested and necessary to achieve their training experience. Furthermore, **BONy** supplies a **multilingual access** to information and educational contents. This involves an **ontological** approach to knowledge management, thanks to the **Semantic WEB** methodology.



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BONy is also a **Social Network** fully dedicated to vocational education, where users can play a double role of students and/or teachers according to their skills and requirements, therefore being able both to satisfy their formative needs and to share their professional and linguistic expertises. BONy intends to provide a social network of experts fully dedicated to the European cooperation in the domains of research and project management.

BONy's challenge about Social Network and Semantic Web, towards Web 3.0, boosts the idea of integrating data and services and promotes an intelligent Web where it is possible to build a system which provides reliable answers to complex questions concerning data not residing on a single Web page. For instance, "List the Web pages of all the university departments located in London which focus on robotics and where there is an opened job position concerning computer vision and with a deadline of next September". Today, such query can lead to hours of searching through web pages of universities, departments, and job search websites. The Web 3.0 is the "read-write-execute Web", a web where software agents can exploit machine-readable information available over the Internet for providing a more productive and intuitive user experience. In the following sections, we will present the fundamental aspects of the Semantic Web.

BONy e-learners' community will interact using a PDA phone or other devices (such as a PC or a laptop), in order to produce **the first in-site content management system** which will change the user's perspective on learning.

Consequently, BONy Research and Developments activities on Multilingualism, Knowledge management and Social Network patterns are fully in accordance with EKAW2008 scientific aims.

BONy main objectives are:

- a. to meet the labour market needs with the creation of an interactive e-courses on Project Cycle Management in the following languages: **English, Italian, Greek, French, Spanish, Catalan, Polish, German, Hungarian, Slovakian, Czech;**
- b. to enhance foreign language acquisition in combination to vocational training with the support of multilingual semantic technologies to stimulate the promotion of linguistic diversity;
- c. to boost training accessibility and mobility, thanks to a PDA phone interface, integrating the e-learning technology into a professional activity;



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- d. to stimulate the cooperation among different skills and abilities in the multilingual European environment;
- e. to promote knowledge sharing and integration among different languages and cultures, allowing multiuse of the training material provided by course organizers and students themselves;
- f. to improve the objectivity of assessment by selecting the adequate expert for each subject within the whole community, valorising intellectual skills and abilities of all the participants and making their learning process more effective as they are active players.

These main objectives concern the expected results in terms of effectiveness of the learning process proposed by BONy. Technically, these objectives can be attained by combining intelligently and harmonizing existent technology from a broad range of scientific areas.

Useful information:

1) BONy Project life and Consortium

Funding Programme: Lifelong Learning Programme 2007 – Multilateral project – Key Activity 3 – ICT.

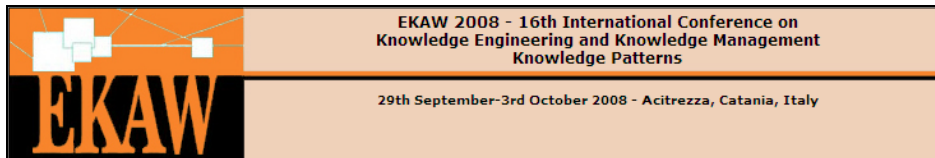
Start: 01/01/2008; End: 31/12/2009.

BONy consortium:

- P.M.F. S.r.l., Catania, Italy. Project coordinator (www.pmfonline.net).
- INK Catalunya, S.A, Barcelona, Spain (www.inkcat.es).
- C.N.R. I.S.T.C., Roma, Italy (www.cnr.it).
- IDEC S.A., Piraeus, Greece (www.idec.gr).
- 4system Polska Sp. z.o.o., Zielona Góra, Poland (www.4system.com).

2) Keywords:

e-learning; Semantic web; cognitive e-Learning Management System; European Project Cycle Management; Social network; bank of time; Friend-to-friend expert community; language; language training; vocational training; EU funded; Lifelong learning Project



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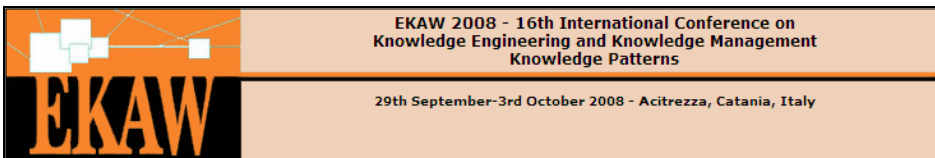
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3) Logo:



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4) For more information contact:

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EKAW web site: <http://ekaw2008.inrialpes.fr/> ; www.e-medine.org/ekaw2008.php

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