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## **MultiMatch**

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Instrument: Specific Targeted Research Project  
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## **Organization of workshops**

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## Abstract

This document describes the organisation of workshops to promote, disseminate and exploit the MultiMatch project results towards scientific and user communities. The Workshops will represent occasions to target different communities and establish contacts for clustering and collaboration with European projects. The results achieved so far and future plans are outlined.

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## Executive Summary

This deliverable reports on the status of the MultiMatch workshops, organised so far to promote and exploit the project results.

We detail workshop features, goals, results and the activities employed for their organisation. For each workshop we will focus on the target communities and on contacts for clustering and collaborations with European projects.

Section 2 is dedicated to the first MultiMatch workshop (held at month 10 of the project), Sections 3 and 4 to the second and third MultiMatch workshops (which will be held at month 19 of the project), Section 5 to the fourth MultiMatch workshop (to be held at month 20 of the project), Section 6 to the final MultiMatch workshop planned for month 30. We also plan at least one more workshop to be held around month 24. This workshop will be on invitation only and will have the objective of receiving feedback and input with respect to the development of the second system prototype.

This document will be updated at month 30 of the project in coincidence with the end of the project and with the final MultiMatch workshop.

## 1 Introduction

MultiMatch public workshops are the occasion to increase awareness of the project system, encourage CH institutions and content providers to become members of the MultiMatch user groups and obtain feedback on the evaluation of the MultiMatch system.

During these events debates will be generated, feedback collected, dissemination and exploitation strategies improved. Investigations will be carried out in order to evaluate whether the project is proceeding in the right direction with respect to technological development: we will evaluate the user satisfaction by means of questionnaires and will evaluate whether the services meet the market demand for successive exploitation activity. Users will be encouraged to provide content to the MultiMatch archives and the cultural heritage scientific community involved in the evaluation of the system.

Our strategy in organizing the Workshops is influenced by the need to address different target communities. MultiMatch target communities are represented by :

- The MultiMatch user group represented by educational users, professional users (cultural heritage), general users (tourism)
- Research community
- European Digital Library community.

The first workshop in the occasion of DELOS conference 2007, was oriented towards the Cultural Heritage and the Digital Library research communities.

At this moment, following the release of the first prototype we are planning other three workshops:

- in Jerusalem, Israel, in the occasion of EVA/MINERVA 2007 conference, aimed at the cultural heritage research community;
- in Berlin, Germany, on the occasion of the Online Educa Berlin Conference, which addresses the educational user group;
- in Pisa, Italy, in the occasion of the 2nd DELOS 2007 Conference again aimed at the European Digital Libraries and Cultural Heritage research communities.

We also plan at least one more workshop to be held around month 24. This workshop will be on invitation only and will have the objective of receiving feedback and input with respect to the development of the second system prototype. This workshop will be dedicated to people and

institutions with high stakes and strong expertise as professionals in the CH domain. Details of this workshop will be defined in January 2008 and cannot be reported here.

A final workshop will be organised after the release of the second prototype to coincide with the end of the project. A suitable occasion might be represented by ECDL 2008, Aarhus, Denmark, (September 2008) targeting the Digital Library Community and Cultural Heritage research community.

## 2 First MultiMatch Workshop: DELOS Conference 2007, Italy



The MultiMatch Workshop on “*Ontology-Driven Interoperability for Cultural Heritage Objects*”<sup>1</sup> which took place 15th February 2007, in Grand Hotel Continental - Tirrenia, Pisa (Italy), was held as part of the DELOS Conference (13th-14th February 2007).

### DELOS Conference

DELOS<sup>2</sup> is a Network of Excellence on Digital Libraries partially funded by the European Commission in the frame of the Information Society Technologies Programme.

In the DELOS conference the DELOS members present the latest research results and new technology development in those research areas where they have focussed their activities in the last few years. The conference is intended also to provide a forum for discussion and exchange of ideas.

### Workshop Target group

The DELOS Conference represented the ideal occasion to address the Digital library Community and the Cultural Heritage Research Community.

### Workshop objectives

The original idea for organising this workshop resulted from early discussions within MultiMatch, more specifically in the group working on the definition of the most appropriate metadata schema and overall conceptual framework for the diverse types of information that would be handled by the project.

More and more people involved in the management and description of digital objects in the Cultural Heritage domain face similar problems when deciding on the most suitable metadata schema and conceptual reference framework to adopt. The workshop aimed at bringing together experts in the field (both theoreticians and practitioners) to discuss what needs to be done to encourage the adoption

<sup>1</sup> [http://www.delos.info/index.php?option=com\\_content&task=view&id=524&Itemid=271](http://www.delos.info/index.php?option=com_content&task=view&id=524&Itemid=271)

<sup>2</sup> [http://www.delos.info/index.php?option=com\\_content&task=view&id=299&Itemid=26](http://www.delos.info/index.php?option=com_content&task=view&id=299&Itemid=26)

of suitable standards that cover the current and emerging needs of the Cultural Heritage digital objects. Purpose of the workshop was to investigate the current state-of-the-art, identify common problems and issues, and hopefully formulate recommendations aimed at encouraging adoption of standards and interoperability.

### **Organization of the workshop**

The workshop was organized by ISTI-CNR in conjunction with DELOS representatives:

- DELOS: Vittore Casarosa, ISTI-CNR, Italy
- MultiMatch: Carol Peters, Alessandro Nardi, ISTI-CNR, Italy

### **Programme Committee**

The Programme Committee was constituted by:

- DELOS: Martin Doerr, FORTH, Greece; Carlo Meghini, ISTI-CNR, Italy; Stavros Christodoulakis, Technical University of Crete, Greece.
- MultiMatch: Giuseppe Amato, ISTI-CNR, Italy; Neil Ireson, University of Sheffield, UK; Johan Oomen, Sound and Vision, The Netherlands.
- External Expert: Stefan Gradmann, University of Hamburg, Germany.

### **Workshop Programme**

A few invited speakers presented some of the best known existing ontologies (CIDOC-CRM, MPEG-7, FRBR), followed by some representatives of Cultural Heritage institutions and projects briefly presenting the problems they are currently facing in this area and/or the solutions they are adopting. The workshop programme is given in Appendix A. The presentations are available on the DELOS website ([www.delos.info](http://www.delos.info)).

### **Workshop outcomes**

The workshop was attended by about 40 researchers and practitioners in the IT and cultural heritage sectors.

Alinari, CNR, BandG and USFD, from the MultiMatch consortium, participated actively in the event. Neil Ireson & Johan Oomen presented a paper: "Capturing e-culture: Metadata in MultiMatch".

The workshop was an occasion to:

- disseminate the MultiMatch project and exploit its results;
- investigate the current state-of-the-art, and discuss those issues that currently hinder the widespread adoption of standards and impede interoperability; thus providing useful input for the MultiMatch metadata working group and find a common ground for future work in this area;
- gather contacts among the user group community and establish a number of collaborative links with other projects and initiatives funded by the European Commission, such as BRICKS- Building Resources for Integrated Cultural Knowledge Services<sup>3</sup>, DILIGENT<sup>4</sup>, DRIVER, EPOCH-Network of Excellence in Processing Open Cultural Heritage<sup>5</sup>, MICHAEL<sup>6</sup>, MUSCLE<sup>7</sup>, PRESTOSPACE<sup>8</sup>, Standardised practices for audio-visual contents in Europe<sup>9</sup>, TEL<sup>10</sup>.

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<sup>3</sup> <http://www.brickcommunity.org/>

<sup>4</sup> <http://www.diligentproject.org/>

<sup>5</sup> <http://www.epoch-net.org/>

<sup>6</sup> <http://www.michael-culture.org/>

### 3 Second MultiMatch Workshop: EVA/MINERVA 2007 Jerusalem, Israel



The MultiMatch Workshop “*Multilingual / Multimedia Access to Cultural Heritage*”<sup>11</sup> will be held 20 November 2007, as special session of the EVA/MINERVA 2007 conference (Jerusalem, Israel).

#### Objectives

The Workshop, which will be held after the release of the first prototype, aims to present the objectives and the first results of the MultiMatch project to the Cultural Heritage community. The preliminary system prototype will be demonstrated and a questionnaire will be circulated among the audience in order to obtain feedback. The Programme is given in Appendix A; the presentations will be made available on the MultiMatch website (<http://www.multimatch.eu/index.html>).

#### Target group

The target group of the MultiMatch workshop is represented by the Cultural Heritage research community.

#### Clustering with European projects

The EVA/MINERVA annual conference hosts several of the leading IST related Cultural Heritage projects funded by the Commission in the IST and the eContent Plus program. The 2007 conference will highlight developments regarding the European Digital Library initiative.

Our MultiMatch session will represent the occasion to create contacts with European projects for clustering activities.

European projects which will be represented include: MICHAEL, The European Library (TEL), DELOS, Digital Preservation Europe (DPE), ITACITUS, IMAGINATION, EPOCH, MINERVA, MOSAICA, EASIER, CALLAS.

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<sup>7</sup> <http://www.muscle-noe.org/>

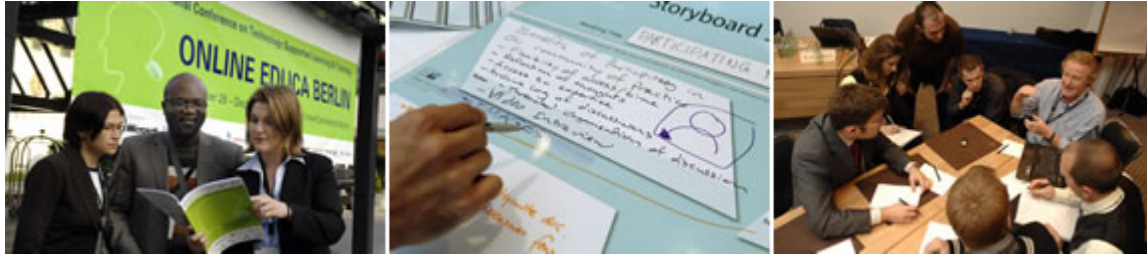
<sup>8</sup> <http://prestospace.org/project/public.en.html>

<sup>9</sup> <http://prestospace.org/>

<sup>10</sup> <http://www.theeuropeanlibrary.org/portal/index.html>

<sup>11</sup> [http://www.digital-heritage.org.il/conferences/2007\\_Tuesday.html](http://www.digital-heritage.org.il/conferences/2007_Tuesday.html)

## 4 Third MultiMatch Workshop: Online Educa Berlin 2007, Germany



The MultiMatch Workshop on “*Innovative Approaches for searching and using Cultural Heritage Information for Learning and Teaching*”<sup>12</sup> will take place 28th November 2007, in Hotel InterContinental, Berlin, (Germany). It will be held as part of the Online Educa Berlin<sup>13</sup> (27th-30th November 2007).

### Online Educa Berlin



Online Educa Berlin is the key annual networking event for the international technology-supported learning and training industry. It is the industry’s largest international forum, attracting high-level decision makers from education, business and government sectors.

Online Educa Berlin features various types of sessions in order to create the most comprehensive and cohesive agenda possible. World-class experts lead plenary and special focus panels and sessions, debates and practical demonstrations throughout the three-day programme. A special pre-conference workshop day prior to the conference comprises small, intensive sessions that offer attendees a unique opportunity to fine-tune and acquire skills.

Our Workshop, free of charge for its participants, is part of the PRE-Conference events (exposition area) which include workshops, seminars and meetings, taking place November 27, 28.

The plenary sessions, on payment, are part of the Conference area and are scheduled to take place November 29-30.

### Workshop objectives

The Workshop will be held 28<sup>th</sup> November, 2007, after the release of the first prototype.

The event is the ideal context to reach the Educational User Group of interest for MultiMatch activities. We aim to attract a range of participants from both the cultural heritage domain and academia to promote varied and fruitful discussions and be able to gather information access problems from a variety of perspectives.

<sup>12</sup> <http://www.online-educa.com/workshops-full-day-1>

<sup>13</sup> <http://www.online-educa.com/the-conference>



Our workshop will examine tools and services aimed at providing cultural heritage content to educational users and fostering a steady supply of learning-oriented evidence to inform and impact emerging tools and learning services (dedicated search engines in particular) on the requirements of tomorrow's learning.

The aim of the workshop is to converge all stakeholders (educational end users, content providers and technology/service providers) in order to share knowledge and experiences gained in developing, serving and using cultural heritage resources.

In the course of the workshop, teaching and learning with new tools for digital media will be explored and demonstrated, focusing on highly innovative approaches for searching, collecting, organizing, and using media for learning in a multilingual framework. The aim is to merge innovative learning techniques and cultural content through customised services and personalised e-learning spaces. In particular, a live demo of the MultiMatch project will be conducted during the workshop.

### **Target Audience: educational user group** ( about 60 participants)

We foresee the participation of about 60 attendees belonging to the following groups:

- 1- Educators (instructors and teachers) who create courses and teach using multilingual e-learning resources and tools.
- 2- Cultural content providers who would like to improve distribution of their content inside the educational market.
- 3- Technology and service providers (multimedia and software designers) who provide a bridge between educators and cultural content providers.

As prerequisite knowledge a basic understanding of the Internet and of existing general purpose search engines is requested. Some of the presentations will require higher technological knowledge but participants will be introduced to difficult themes and will be provided with documentation.

### **Workshop dissemination**

- Alinari has disseminated the event :
  - addressing its educational user group:  
Educational users registered to its educational services (Alinari's users reach some thousands registrations);  
European and American universities: within these institutions Library directors have been contacted;  
European projects partners .
  - through its corporate website: <http://www.alinari.com>
  - Online Educa Berlin Workshop will have a dedicated space in *Nova* - technological insert of "IL Sole 24 Ore".

Alinari is in contact with international e-learning technological suppliers and service providers which are going to attend Online Educa Berlin. Alinari is setting up collaborations with them in order to further disseminate the event and eventually enlarge the number of our workshop speakers. Alinari would like to explore if the products of those organizations could embed some of MultiMatch solutions and eventual collaborations for new products. These contacts represent an important channel to attract specialized people involved in the domain of interest of MultiMatch.

- University of Alicante has disseminated the event through:
  - Its website: <http://www.cervantesvirtual.com>
  - Its educational newsletter

- Press release: University of Alicante is managing contacts with Spanish news magazines to disseminate Online Educa Berlin Workshop.
- MultiMatch website has disseminated the Workshop at [http://project.alinari.it/diss-publish/mm\\_news.php](http://project.alinari.it/diss-publish/mm_news.php)
- Online Educa Berlin is disseminating the workshop through its websites, newsletters, articles.
- Call for papers and posters have been announced through MultiMatch website and through ERCIM news (see: <http://ercim-news.ercim.org/images/stories/EN70/EN70-web.pdf>)
- Brochures have been produced for the Workshop.

### Call for papers

A call for paper<sup>14</sup> of the workshop has been launched. It welcomed scientific submissions in the form of full and short papers or poster proposal. The topics of interest included:

- emerging tools/technologies to facilitate cultural heritage education
- using multilingual / multimedia digital resources for learning and teaching
- multimedia applications and virtual reality
- web-based learning
- knowledge discovery in cultural heritage data
- multimedia content analysis and understanding

The deadline for the submissions is expired.

### Speakers

At the moment the list of speakers is the following:

Frederik Truyen, K.U. Leuven, Belgium.

Sam H. Minelli, Alinari, Italy.

Andrea de Polo, Alinari, Italy.

Rita Scartoni, Alinari, Italy.

Antonella Fresa and Giuliana De Francesco, Italian Ministry of Culture (Minerva/MICHAEL-PLUS network), Italy.

Juan Cigarann Recuero, UNED, Spain.

Giuseppe Amato, ISTI-CNR, Italy.

### Workshop Organization

The Workshop is being organised by Alinari in collaboration with Online Educa Berlin staff. Contributions to the organization of the event are coming from the MultiMatch consortium (UNED, ISTI-CNR, U. of Alicante and USFD). The organisers represent the three targeted groups: academic, cultural heritage communities, and technology developers which provide the necessary experience, knowledge and contacts to organise and execute such an event.

### Workshop Programme

The workshop is a full-day event . During the first half day (AM)<sup>15</sup> the workshop will offer key note presentation and a session dedicated to MultiMatch. Demonstrations will be showed and feedback

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<sup>14</sup> [http://project.alinari.it/diss-publish/mm\\_educaberlin.php](http://project.alinari.it/diss-publish/mm_educaberlin.php)

<sup>15</sup> AM[1-4] start at 09.30 am end at 13.00 pm 28th November 2007

collected from the target users (trainers and educators, cultural content providers, the technology and service providers).

During the second half day (PM)<sup>16</sup> the workshop will offer research presentations and open round table with possible commercial invited speakers about the theme addressed by the workshop. At the end of the session, a brief summary of feedback collected will be presented to the attendees.

See Appendix A for further details. The presentations will be made available on the MultiMatch website (<http://www.multimatch.eu/index.html>).

### **Expected Results**

We aim to gather around 60 participants through the range of presentations, posters and invited speakers. We are confident that many high quality educational target groups will take part to this event.

#### Participants will gain:

- new insights on how focussed search engines operate;
- information on innovative research aimed at developing tools for searching, collecting, organizing and using multimedia and multilingual information in the context of learning;
- knowledge and understanding of search engine technologies for cultural heritage applications;
- understanding of how data related to cultural heritage can be collected and analysed for educational purposes.

#### Advantages to the MultiMatch project.

The workshop will constitute an important occasion to:

- gather contact for MultiMatch dissemination and exploitation activities. Both during the MultiMatch workshop and organised conference programme Online Educa Berlin is the place to meet the contacts essential to make the right connections;
- evaluate whether the project is proceeding in the right direction for its technological development and whether the services meet the market demand for successive exploitation activity. MultiMatch live demo will be conducted during the workshop: attendees will be able to evaluate a working version of the system and their feedback will be collected and used to enhance future development. Feedbacks will also be collected by means of discussions and questionnaires focused on user needs and satisfaction.

## **5 Fourth MultiMatch Workshop: 2<sup>nd</sup> DELOS Conference, Italy**

A fourth MultiMatch Workshop is planned to take place during the 2<sup>nd</sup> DELOS Conference<sup>17</sup> to be held Grand Hotel Continental, in Tirrenia, Pisa, Italy 4-7 December 2007.

The MultiMatch session “*Multilingual / Multimedia Access to Cultural Heritage*” will be held on 4 December, 16.00 – 18.00. Presentations describing various aspects of the system and a demo will be given. The final programme is now under discussion and will be publicised soon.

The 2<sup>nd</sup> DELOS Conference will last two and half days. The first two days will be dedicated to presentations by members of the DELOS Community of their latest research results and their main contributions in those research areas where they have focussed their activities in the last few years. The

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<sup>16</sup> PM[1-2] start at 14.30 am end at 16.30 pm 28th November 2007

<sup>17</sup> [http://www.delos.info/index.php?option=com\\_content&task=view&id=606&Itemid=337](http://www.delos.info/index.php?option=com_content&task=view&id=606&Itemid=337)

last half-day will be dedicated to presentations and demonstrations of tools and services implemented as prototypes of varying degree of completeness. Actually, one of the main efforts where DELOS has been focussing in the last period is the implementation of a Digital Library Management System embodying most of the results produced by DELOS Community members. This Conference intends to demonstrate the major results achieved by the members of the DELOS Community in the Digital Library field.

The conference will be the ideal context to reach the Digital Library Community.

The MultiMatch session will represent the occasion to create awareness about the main project goals and to establish contacts with related European projects for clustering activities.

## 6 Final MultiMatch workshop

The final MultiMatch workshop will take place in coincidence with the end of project. The occasion could be represented by ECDL 2008<sup>18</sup>, to be held in Aarhus, Denmark, 14-19 September 2008.

During this workshop the second prototype will be demonstrated and the main reached results of the MultiMatch project presented. It will be an opportunity to disseminate and exploit the main project outcomes to potential users and to create awareness about the project towards the cultural heritage research community.

ECDL (European Conference on research and advanced technology for digital libraries) has become the major European conference on digital libraries and associated technical, practical and social issues, bringing together researchers, developers, content providers, and users in the field.

The conference will thus represent the ideal context to reach the Digital Library community.

## 7 Conclusions

The organisation of the MultiMatch workshops is in line with the expected timetable of the project. By month 24 of the project (second milestone) four dedicated MultiMatch workshops will be held. At month 30 (third milestone) the final workshop will take place.

The first workshop which was held 15th February 2007 as part of the DELOS Conference (Tirrenia, Pisa -Italy), represented the occasion to disseminate the first project results and create awareness about the MultiMatch system.

Following the release of the first prototype other three workshops are being organized: the second workshop will be held 20 November 2007, as part of EVA/MINERVA 2007 (Jerusalem, Israel); the third workshop will be held 28<sup>th</sup> November 2007 as part of Online Educa Berlin Conference (Berlin-Germany); The fourth workshop will be held 4 December 2007, as part of the 2<sup>nd</sup> DELOS conference, December, (Tirrenia, Pisa-Italy). The events represent the occasion for disseminating and exploiting the project results: collect feedback on the MultiMatch system, gather contacts with new potential content providers and create collaborations and clustering with related projects.

The final MultiMatch workshop is expected to be held September 2008, after the release of the second prototype and in coincidence with the end of the project; the occasion might be represented by the ECDL 2008, 14-19 September, Denmark.

Each workshop addresses different target communities: educational user group, research community, European digital library community. Information on the workshops is provided on the MultiMatch website with links to the presentations.

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<sup>18</sup> <http://www.ecdl2008.org/>

## 8 References

- [1] MultiMatch Deliverable 8.1.2 Final plan for using and disseminating knowledge.  
 [2] MultiMatch-Annex I- DoW.

## 9 Appendix A

### DELOS Conference 2007 – Workshop Programme

09:00 - 09:15	<p><b>Objectives of the Workshop and the MultiMatch Perspective.</b></p> <p>Carol Peters - ISTI-CNR, Italy</p> <p>Neil Ireson - University of Sheffield, UK and          Johann Oomen - Nederlands Instituut voor Beeld en Geluid, The Netherlands          [Presentation - Paper]</p>
09:15 - 10:00	<p><b>CIDOC CRM and an Integrated Approach to Semantic Interoperability</b></p> <p>Martin Doerr - FORTH, Crete, Greece.          [Presentation - Paper]</p>
10:00 - 10:45	<p><b>FRBR: Is this the Beginning of a Beautiful Friendship?</b></p> <p>Maja Zumer - University of Ljubljana, Slovenia.          [Presentation - Paper]</p>
10:45 - 11:15	BREAK
11:15 - 12:00	<p><b>Ontology-Driven Interoperability for MPEG-7</b></p> <p>Chrisa Tsinaraki - Technical University of Crete, Greece.          [Presentation - Paper]</p>
12:00 - 12:30	<p><b>Panel Discussion on Open Issues</b>          (Moderator: Stavros Christodoulakis - Technical University of Crete, Greece)</p>
12:30 - 14:00	LUNCH
14:00 - 16:00	<p><b>POSITION PAPERS</b></p> <ul style="list-style-type: none"> <li>• EDLProject: Challenges of Multilingual Access to Multilingual European Content              Maja Zumer - University of Ljubljana, Slovenia              [Presentation - Paper]</li> <li>• Interoperability in the European Library: the Devil is in the Details              Sjoerd Siebinga - The European Library Office, The Hague, The Netherlands              [Presentation - Paper]</li> <li>• Semantic Interoperability via Ontology Mapping              Andrea D'Andrea - Università L'Orientale, Napoli, Italy              [Presentation - Paper]</li> </ul>

	<ul style="list-style-type: none"> <li>• Achieving Interoperability in the MichaelPlus Project Vassilis Tzouvaras - National Technical University of Athens, Greece [Presentation - Paper]</li> <li>• Ontology Mapping in BRICKS Keven Kearney - Engineering, Italy [Presentation]</li> <li>• Semantical Interoperability with IMAGINATION Content using standardized Ontologies Andreas Walter - IPE-FZI, Karlsruhe, Germany [Presentation - Paper]</li> <li>• SKOS: a Model for Metadata Representation and Interoperability - Dutch Cultural Heritage Institution Thesaurus Conversion Use Case Véronique Malaisé - Vrije Universiteit, Amsterdam, The Netherlands [Presentation - Paper]</li> <li>• The Perspective of the Text Encoding Initiative Øyvind Eide - University of Oslo, Norway [Presentation - Paper]</li> <li>• The European Commission Interoperability Group Stefan Gradmann - University of Hamburg, Germany [Presentation - Paper]</li> </ul>
16:00 - 16:30	<b>BREAK</b>
16:30 - 17:30	<b>Discussion and Wrap-Up Session</b> (Moderator: Stavros Christodoulakis, Technical University of Crete, Greece)

### EVA/MINERVA 2007 Conference - Workshop Programme<sup>19</sup>

- *Introduction*- Carol Peters, ISTI-CNR, Italy
- *User Requirements in the Cultural Heritage Domain*- Jennifer Marlow, University of Sheffield, UK
- *Metadata in the Cultural Heritage Domain*- Johan Oomen, Sound & Vision, The Netherlands
- *Searching Cultural Heritage Information with MultiMatch*: Presentation and Demo-Franca Debole, ISTI-CNR, Italy

Chair: Rosalind Duke, Deputy Director and Chief Librarian, The Jewish National and University Library<sup>20</sup>

<sup>19</sup> Afternoon session 14.30 -16.00

<sup>20</sup> <http://jnul.huji.ac.il/>

## ONLINE EDUCA BERLIN Conference 2007- Workshop Programme

AM1 (09:30-10:45)	<p><b>Workshop Introduction</b></p> <p><i>“Objectives of the workshop”</i> Andrea de Polo –Alinari 24 Ore –Italy – (15 min)</p> <p><b>Keynote talk</b></p> <p><i>“User scenario's in the image value chain. Enabling technologies to create genuine added value in an multilingual educational context”</i> Fred Truyen-University of Leuven, KU Leuven, Belgium (35 min*)</p> <p><i>“Michael Service for e-learning”</i> Antonella Fresa and Giuliana De Francesco-Italian Ministry of Culture, Italy (25 min*)</p>
AM2 (10:45-11:00)	Coffee Break + edu questionnaire to participants
AM3 (11:00-11:20)	<i>“Alinari 24 Ore: innovative concepts for e-learning courses, valuable digital images for educational usage, multilingual search engines, picture protection systems”</i> Rita Scartoni-Alinari 24 Ore-Italy (20 min*)
AM4 (11:20-13:00)	<p><b>MultiMatch presentation</b></p> <p><i>“Overview of the MultiMatch project”</i> Giuseppe Amato ISTI-CNR- Italy (20 min*)</p> <p><i>“The MultiMatch Educational User Group”</i> Sam H.Minelli- Alinari 24 Ore-Italy (20 min*)</p> <p><i>“The MultiMatch system Demo”</i> Juan Cigarran-UNED-Spain (25 min*)</p> <p><b>MultiMatch questionnaire to participants</b> (25 min*)</p>
Break	Lunch
PM1 (14.30-15.30)	<p><b>Research presentations</b></p> <p><i>“Towards Adaptive Search of Cultural Heritage Information”</i> P. Ciarlini, J.F. Mascari and L. Moltedo, IAC-CNR (20 min*)</p> <p><i>“Knowledge discovery in cultural heritage data-Designing knowledge for re-using built heritage”</i> (20 min*) Gabriella Caterina, Università degli Studi di Napoli Federico II</p> <p>Other presentation (eventual) (20 min*)</p>
PM2 (15.30-16.00)	<b>Invited commercial speakers (eventual)</b> (30 min*)
Conclusions	<i>“Closing of the workshop”</i> Andrea de Polo –Alinari 24 Ore –Italy – (15 min)

\*Time for questions included