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1. Introduction

This deliverable aims to define the SIMBAD strategies concerning the dissemination activities, as well as to demonstrate how the consortium is ensuring the highest diffusion of the research results, both inside and outside the consortium. This document will cover the activities from the 22nd month until the end of the project.

2. Internal interactions

In order to strengthen the communication among the partners, we have set up a **blog** on the SIMBAD site (<https://www.dsi.unive.it/~simbadweb/blog/wp-login.php>). This is a tool for exchanging information and a way to keep track of interactions among the groups and having them accessible from a centralized repository.

During the project meeting held in Verona in November 2009, we decided to run a one-week, **hands-on internal workshop** where, armed with laptops, pencils, papers (and time), and without any pressure concerning administrative issues, we aim at bringing to full maturation our collaborations and joint ideas. All partners will be participating in the meeting. The workshop will be held from 4th to 10th July 2010 in Castelbrando, a suggestive castle near Treviso, Italy (<http://www.hotelcastelbrando.com/>).

3. Publications

The dissemination of the project's results during this period will take place mainly through publications in the top-level conferences and journals in the fields of machine learning, pattern recognition and computer vision. Further,

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we plan to disseminate the results related to the project's main applications to the medical and the chemometrics communities.

In particular, in 2010, we will present our results to the following meeting:

- CVPR 2010, the 22nd IEEE Conference on Computer Vision and Pattern Recognition, San Francisco, 13-18 June 2010
(Partners involved: UNIVE, UNİYORK, TUD, ETHZ)

and have already submitted our work to the following conferences:

- S+SSPR 2010: Joint IAPR International Workshops on Statistical, Structural and Syntactic Pattern Recognition (SSPR 2010) Cesme, Izmir, Turkey, 18-20 August 2010.
(Partners involved: UNIVE, IST, UNİYORK, TUD, UNIVR)
- ICML 2010: The 27th international Conference on Machine Learning, Haifa, Israel, June, 2010.
(Partners involved: UNIVE, ETHZ)
- ICPR 2010, 20th International Conference on Pattern Recognition, Istanbul, Turkey, August 2010.
(Partners involved: UNIVE, UNİYORK, TUD, UNIVR, IST)
- ECCV 2010: The 11th European Conference on Computer Vision, Crete, Greece, September 2010.
(Partners involved: UNIVE, UNİYORK, UNIVR)
- CIP 2010: The 2nd International Workshop on Cognitive Information Processing, Elba Island (Tuscany), Italy, June, 2010.
(Partners involved: TUD, UNIVR)
- ICEIS 12th International Conference on Enterprise Information Systems Funchal, Madeira, Portugal, June 2010.
(Partners involved: TUD)
- ICIP 2010: The International Conference on Image Processing, Hong Kong, September, 2010.
(Partners involved: UNIVR, IST)

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- ISBI 2010, The IEEE International Symposium on Biomedical Imaging, Rotterdam, Netherlands, 14-17 April 2010
(Partners involved: TUD)
- MCS 2010, 9th Int. Workshop on Multiple Classifier Systems, Cairo, Egypt, April 2010.
(Partners involved: TUD)
- DAGM 2010, The German Association for Pattern Recognition, Darmstadt, Germany, September 2010.
(Partners involved: ETHZ)
- ISIT 2010, The IEEE International Symposium on Information Theory, Austin, Texas, June 2010.
(Partners involved: ETHZ)
- ECAI 2010: the 19th European Conference on Artificial Intelligence, Lisbon, Portugal, August 2010.
(Partners involved: IST)
- MICCAI 2010: the 13th International Conference on Medical Image Computing and Computer Assisted Intervention, Beijing, China, September 2010.
(Partners involved: UNIVR, TUD, ETHZ)

Further, we plan to submit our work to the following conferences:

- CVPR 2011: The 23rd IEEE Conference on Computer Vision and Pattern Recognition, June 2011.
(Partners involved: UNIVE, TUD, UNİYORK)
- ECML PKDD 2010: The European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, Barcelona, Spain, September 2010.
(Partners involved: UNIVR, UNIVE)
- NIPS 2010: The Neural Information Processing Systems Conference, Vancouver, Canada, December 2010.
(Partners involved: UNIVE, UNİYORK, IST, ETHZ)
- ICCV 2011: IEEE International Conference on Computer Vision, 2011.

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(Partners involved: UNIVE, UNİYORK, UNIVR, ETHZ)

- CAC-2010, 12th International Conference on Chemometrics in Analytical Chemistry Antwerp, Belgium, October 2010.

(Partners involved: TUD)

- CIARP 2010, 15th Iberoamerican Congress on Pattern Recognition Brasil, November 2010

(Partners involved: TUD)

As for journal publications, by the end of the the project we plan to submit our results to:

- *NeuroImage*

(Partners involved: TUD, UNIVR, already submitted)

- *Computer Vision and Image Understanding*

(Partners involved: UNIVE, already submitted)

- *IEEE Transactions on Pattern Analysis and Machine Intelligence*

(Partners involved: UNIVE, UNIVR)

- *Chemometrics*

(Partners involved: TUD)

- *Machine Vision and Applications*

(Partners involved: TUD)

- *Pattern Recognition* or *Pattern Recognition Letters*

(Partners involved: UNİYORK, TUD)

- *IEEE Transactions on Neural Networks*

(Partners involved: UNİYORK)

- *Journal of Machine Learning Research*

(Partners involved: IST, UNIVE)

- *IEEE Transactions on Medical Imaging, or Artificial Intelligence in Medicine, or Medical Image Analysis*

(Partners involved: UNIVR)

- A top biology journal

(Partners involved: ETHZ)

- some Seismics journal

(Partners involved: TUD)

4. Workshops, tutorials, special issues, books

External dissemination will also take place via the organization of workshops and special sessions, tutorials at international conferences, journal's special issues, and books.

In particular, the following activities are planned:

- A **workshop at ICML 2010** (the 27th international Conference on Machine Learning, Haifa, Israel, June 2010) on “Learning in Non-(geo)metric Spaces” (www.dsi.unive.it/~icml2010Ings/).
- A **special session at S+SSPR 2010** (the Joint IAPR International Workshops on Structural and Syntactic Pattern Recognition, Cesme, Turkey, August 2010) on "Similarity-Based Pattern Recognition: Challenges and Prospects" (www.rvg.ua.es/ssspr2010/special.php).

We submitted a proposal for a **tutorial** on “Game-theoretic models in computer vision and pattern recognition” at **ICPR 2010**, The 20th International Conference on Pattern Recognition, Istanbul, Turkey, August 2010 (notification of decisions are expected by the end of March).

We aim at establishing a **series of workshops** specifically devoted to the project's theme. In the hope that the topics covered within the SIMBAD project will have a lasting and substantial impact within scientific community, the workshops will possibly continue even after the end of the project's activities. The first edition of the workshop (**SIMBAD 2011**) will take place in Italy, in the spring of 2011, at the end of the project. As for the format, we plan to have a few invited presentations given by senior researchers in the field, and a set of contributed presentations (either in oral or poster form). We'll set up a Program Committee, consisting of the most active people in the field, which

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will help in the selection process. A Call for Papers will be issued early in the summer 2010. We plan to publish the proceedings in Springer's Lecture Notes in Computer Science series. We aim at obtaining PASCAL 2 sponsorship for the meeting and to make the videos of the lectures available on VideoLectures. Within the workshop we also plan to run a **SIMBAD challenge** to ensure that the methods are compared on as level a playing field as possible.

Further, to promote research activity in the field, we are planning to organize a **special issue** devoted to the project's theme in a leading technical journal (we're currently considering the *Journal of Machine Learning Research* and the *IEEE Transactions on Pattern Analysis and Machine Intelligence*). We'll submit a proposal in the spring of 2010 and, in case of acceptance, a Call for Papers will be issued in the summer of 2010. We plan to invite the speakers of our ICML workshop to submit their work to the special issue.

Finally, at the end of project we plan to publish a **book** containing the major results achieved by the consortium, to be published by a major international scientific publisher (we're currently considering Springer, MIT Press, and Kluwer). We plan to submit a proposal to the publisher in the summer of 2010.

5. Brochure

In the spring 2010, we shall produce a second version of the brochure, that will be distributed at appropriate conferences, summer schools, etc., which will summarize the general objectives of the project as well as the work performed in the first two years.