IPCity

Integrated Project on Interaction and Presence in Urban Environments

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ipcity.eu

Report on dissemination, visibility and training activities during the project phase 3

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Abstract

Dissemination is a support workpackage with two main functions: to ensure that information is distributed between the project partners and within and between the workpackages so that the project can function smoothly and efficiently, and to ensure that the results from the project will be distributed as widely as possible.

During the third project year both the internal and external dissemination activities have continued in a manner developed during the second project year. The major addition is the IPCity participation in a large public event, the European City of Science exhibition in Paris in November.

1   Activities during phase 3

The major goal of internal dissemination activities during the third year of the project has been to ensure, that the new partners taken in the project (Cambridge and Imagination), will get all the necessary information to get their work going, and to integrate them into the daily fabric of the project. With respect to external dissemination there has been two goals: to improve and broaden the dissemination towards stakeholders and general public, and to increase the level of scientific publishing.

2   Internal Dissemination

The purpose of the internal dissemination activities is to help in creating a shared vision and understanding of the project direction and both long-term and short-term goals, to facilitate the efficient functioning of the project by providing timely access to relevant information, and to help in strengthening the Presence research community within the project. A variety of means for this has been available to the project, and a number of plans have been guiding the utilisation of the dissemination means and other dissemination activities.

Internal dissemination is directed to project partners. In some cases, like with the e-mail newsletter, communication used mainly for internal dissemination may be made available to other interested parties as well.

2.1   Means of Internal Dissemination

2.1.1   Meetings

Meetings are a central project mechanism for internal dissemination and for the development of a shared vision on project. During this year the importance of the meetings as a means for integration within the project has been particularly high because of the new partners, and correspondingly it has been specially emphasised (In the WP2 meetings within the general meetings). One of the general meetings was also located in Cambridge, to further advance the integration within the project. After the review meeting in Barcelona in February there has been two general meetings (one in Graz in April, another in Cambridge in September). Besides the general meetins there has been 11 smaller meetings either between workpackages, or within one workpackage but consisting of researchers from several partners.

2.1.2   Central document repository

A BSCW-based document repository hosted by FIT has been used extensively for document sharing and for coordination of writing activities. BSCW (Basic Support for Cooperative Work) enables collaboration over the Web. BSCW is a 'shared workspace' system which supports document upload, event notification, group management and much more. To access a workspace you only need a standard Web browser. For more information, see http://bscw.fit.fraunhofer.de/

2.1.3   E-mail mailing lists

Ten "official" mailing lists have been generated in the FIT server, and messages sent to the lists are recorded and saved in the document repository. During the year 185 such "official" messages has been sent. The major volume of communication is taken place person to person or within small groups working with particular issues. As a characteristic example of the volume of all communication, prof. Kuutti (leader of the Oulu partner, manager of WP2) has received during the year about 900 IPCity-related messages.

2.1.4   WWW-site

A common www-site (www.ipcity.eu, see Figure 1)has been in continous use It is used both for internal and external dissemination purposes. There has been two major updates to the content during 2008, one general in Spring, and another related to ECS exhibition in Autumm.

Figure 1: IPCity external website -- main page.

The website contains pages with descriptions of the project in general, and each workpackage. Site also hosts the contents published in the IPCity Newsletter, both in news/blog version and as an archived newsletter page.

There is also a wiki-type glossary for unification of the use of concepts. The glossary is a common editor based on wiki, where all participants of the project can contribute to the development of the wiki. This has been used by some of the partners, but not extensively.

2.1.5   Newsletter

E-mail newsletter has also been used for internal dissemination. It is edited and circulated to all participants once in a month by UOulu. During the year 4 newsletters containing altogether 43 news items have been produced. The total number of published news at the IPCity website is 108.

2.1.6   A system for sharing and maintaining software code and technical information

A special software repository to facilitate the distribution of program code has been created in the BSCW. This has been used with respect to some widely used software items, but not extensively.

3 External dissemination

External dissemination has been active during the 3rd project year.

3.1 Means of global scientific dissemination

3.1.1 Scientific publications

During 2008 altogether 14 scientific papers have been accepted for publication in various journals and refereed conferences. Additionally 7 papers and one poster had been accepted for presentation in workshops. At the time of reporting (late December) 7 more papers had been submitted for evaluation.

Conference/journal, date or timeframe	Title or topic	Related to WP	Responsible person and additional authors	Status (published, submitted, under preparation, planned)
Presence Journal	On the role of presence in Mixed reality	WP3	Ina Wagner, Wolfgang Broll, Giulio Jacucci, Kari Kuutti, Rod McCall, Ann Morrison, Dieter Schmalstieg, Jean-Jacques Terrin	Submitted Deadline Jan 9, 2009
Journal of Personal and Ubiquitous Computing	Evaluating Player Experiences in Location Aware Games	WP3, WP8	McCall, R., Grueter, B., Baillie, L. and Braun. A. (eds)	Call for papers issued, expected publication date Autumn 2009
Communities & Technologies 2009	Supporting collaborative urban planning in the MR-Tent	WP6	Ina Wagner, Maria Basile, Valérie Maquil, Jean-Jacques Terrin ++	Deadline Dec 15, 2008
CoDesign Journal	Cultural probes as creative input into collaborative urban planning with mixed-reality technologies	WP6	Lisa Ehrenstrasser, Maria Basile, Sevasti Vadouli, Ina Wagner, Mira Wagner	Under preparation
CHI 2009	MR Tent: A Place for Co-Constructing Mixed Realities in Urban Planning	WP6	Valérie Maquil, Marjkus Sareika, Dieter Schmalstieg, Ina Wagner	Not accepted To be rewritten and submitted to another conference
IEEE 2008 Winter Vision Meetings, Workshop on Application of Computer Vision	Urban building recognition during significant temporal variations	WP5	G.P. Nguyen, H.J. Andersen, and M.F.Christensen	Accepted as full paper
VR2008	Interactive City Exploration through MR	WP8	Iris Herbst, Anne-Kathrin Braun, Rod McCall, Wolfgang Broll	Accepted as poster
CHI 2008	Orchestration and Direction of Mobile Mixed Reality Games	WP4	Jan Ohlenburg, Wolfgang Broll, Irma Lindt	Accepted as workshop paper
CHI 2008	Urban Mixed Realities: Technologies, Theories and Frontiers	WP3	McCall, R., Wagner, I., Kuuti, K. & Jaccuci, G	Workshop proposal Accepted as short paper/abstract
Rave 08	Where Am I?	WP3 WP8	McCall, R.	Accepted as poster
CHI2008	12 Mixed Reality Principles of Animation – Based on Disney's Principles of Animation	WP9	Sabiha Ghellal, Rod McCall, Jan Ohlenburg, Steffen Harrer	accepted as workshop poster

CHI2008	The "Where" of Mixed Reality: Some Guidelines for Design	WP3 WP8	McCall, R. , Herbst, I, A. Braun. and Wetzel, R	accepted as workshop paper
CHI 2008 – Workshop	Urban Sketcher: Mixing Realities in the Urban Planning and Design Process	WP4/ WP5	M. Sareika, D. Schmalstieg	Accepted as workshop paper
IEEE 3DUI 2008	Interactive Bits: Prototyping of Mixed Reality Applications and Interaction Techniques through Visual Programming	WP4	Wolfgang Broll, Jan Herling, Lisa Blum	published
ACM Multimedia 2008, HCC Workshop, ACM publication	Evoking Gesture in Interactive Art	WP3,WP7	Ann Morrison, Peta Mitchell, Stephen Viller	Accepted as full paper Published Presented at ACM MM
AVI 2008: Public and Private Displays workshop (PPD 08)	CityWall: Limitations of a Multi-Touch Environment	WP3, WP7	Morrison, Ann, Jacucci, Giulio, Peltonen. Peter.	Accepted as workshop paper
PDC 2008, 10th Participatory Design Conference: Experiences and Challenges, Bloomington, Indiana, USA, 30 September – 4 October, 2008.	Exploring Web-based Participation Methods for Urban Planning	WP6	Nuojua, Johanna; Juustila, Antti; Räisänen, Toni; Kuutti, Kari; Soudunsaari, Leena	Accepted
MindTrek 2008	Communication Based Web Mapping: A New Approach for Acquisition of Local Knowledge	WP6	Nuojua, Johanna	Accepted
British HCI workshop: Using locative games to evaluate hybrid technology, Liverpool, September 1-5, 2008.	Using locative games to evaluate hybrid technology	WP4, WP7	Morrison, A., Jacucci, G, Peltonen, P., Juustila, A., & Reitmayr, G..	Accepted as workshop short paper
British HCI workshop: Critical Issues in Interaction Design, Liverpool, September 1-5, 2008.	Inter-disciplinarity: the long way home	WP7	Morrison, A	Accepted as workshop position paper
ShareIT –Shareable Interfaces for Learning Workshop 2008, 11-12 September, Sussex 2008.	Sustaining Engagement at Public Shared Interfaces,	WP3, WP7	Morrison, A and Salovaara, A	Accepted as workshop paper
British HCI Liverpool, September 1-5, 2008.	Evaluating Player Experiences in Location Aware Games	WP8, WP3	McCall, R., Braun. A and Grüter, B.	Accepted as abstract/short paper
MobileHCI 2008	TimeWarp: Interactive Time Travel with a Mobile Mixed Reality Game	WP8	Herbst, Iris; Braun, Anne-Kathrin; McCall, Rod; Broll, Wolfgang	Best Paper Award
Psychnology Special Issue: Mixed Realities in the Urban Environment	Journal Special Issue and Introduction	WP3 WP8	McCall, R., Jacucci, G., and Broll W.	Introduction published
British HCI Workshop: Evaluating Player Experiences in Location Aware Games. Liverpool, September 1-5, 2008.	Towards Evaluating Place in Location Aware Games	WP8	McCall, R., Wetzel, R. and Braun, A.	Accepted as Workshop Paper
Journal of Personal And Ubiquitous Computing	Towards Evaluating Place in Location Aware Games	WP3 WP8	McCall. R, Braun A and Wetzel R.	Acceptance of short abstract. Pending final version review.
ACM Futureplay	Guidelines for the Design of Mixed	WP8	McCall. R, Braun A and	Article (Published)

Conference	Reality Games		Wetzel R.	
Interfaces (British HCI Group)	My Work Developing a Mixed Reality Game	WP8	Loschner, J.	Article (Published)
Interfaces (British HCI Group)	Virtual Reality Grows Up	WP3 WP8	McCall. R	Article (published)
OZCHI 2008	Situated Engagement at a Public Urban Display	WP7 WP3	Morrison, A and Salovaara, A	Accepted
Interfaces (British HCI Group)	Where Am I?	WP3 WP8	McCall R	Article (Published)
Pattern Recognition Letters (Special Issue)	A simple, fast and efficient tracking framework for tangible tabletop interfaces	WP5	Maquil V, Nguyen G.P., Andersen H.J., Idziorek M.	Submitted
CHI 2009	MR Tent: A Place for Co-Constructing Mixed Realities in Urban Planning	WP6	Maquil V, Sareika M, Schmalstieg D., Wagner I.	Submitted
CAAD futures	Enhancing synergies between computer science and urban disciplines	WP6	Boerner A., Maquil V.	Abstract submitted

Additionally during 2008 a call for papers in a special issue of The Journal of Personal and Ubiquitous Computing was made. This was by the same people as the BCS workshop (McCall, R., Braun. A and Grüter, B.) and twenty submissions were received. It is now likely that two special issues will be published featuring selected papers from the workshop and those received only during the call for papers.

3.1.2   Demonstrations and video publications

The new CityWall 3D interface was published in video and posted on Youtube, resulting 270730 visits by 20.12.2008 (http://www.youtube.com/watch?v=IldDrCcZkZY)

3.1.3   WWW site

The traffic visiting the web site has been staying at a healthy level: between 1.1. -- 15.12. 2008 there has been

- 7,034   Visits
- 19,933 Pageviews
- 5,406   Unique Visitors

The visits came from 112 countries/territories, the major areas being:

997   United Kingdom

857   Finland

853   Germany

722   USA

466   French

429   Austria

223   Italia

159   South Korea

138   Spain

128   Canada

3.2   Means of European Dissemination

3.2.1   Participation in events and workshops

The major event for 2008 was IPCity participation in the European City of Science Exhibition in Paris, 14-16.11. 2008 (http://www.villeeuropeennedessciences.fr/index.htm). MR-Tent with tools and CityWall were exhibited. There were several thousand visitors, and several hundred of them were active participants, including a number of very young children. Additionally members of IPCity organized two workshops at CHI 2008 and British HCI 2008, both of which have had or will lead to special issues of leading journals.

3.2.2   Demonstrations & workshops

WP	Event/topic/occasion	Date	Location	Number of users
WP6	Workshop on time, distance and reachability	19.06.08	Vienna	+- 8
WP7	3 field trials for Augmented MapLens	07.08.2008 10.08.2008 17.08.2008	Helsinki City Centre	2 12 23 TOTAL= 37
WP6	Cergy Pontoise Workshop	10.09.2008 11.09.2008 12.09.2008 13.09.2008	Cergy Pontoise, France	21 10 6 6
WP8	TimeWarp Test	Various	Köln, Germany	16 (approx)
WP7	European City Of Sciences Event	14-16.10.2008	Le Grand Palais, Paris	100 filled questionnarires
WP3 WP8	Urban Mixed Realities: Technologies, Theories and Frontiers At CHI 2008 Conference (organizers)	06.04.2008	Florence, Italy	20 (approx)
WP3 WP8	Workshop on Evaluating Player Experiences in Location Aware Games At BCS HCI 2008 Conference (organisers)	01.09.2008	Liverpool, UK	8
ALL	IPCity: Blending Realities At Peach Summer School (PEACH-CA)	09.07.2008 – 11.07.2008	University of Zagreb at Dubrovnik. Croatia	60 (approx)

3.2.3   Training

WP	Event/topic/occasion	Date	Location	Number of users
WP6	Participatory workshop in Cergy-Pontoise	Sep 10-14, 2008	Cergy-Pontoise, FR	14 active participants 10 visitors and individual users
WP6, WP7, WP3	European City of Science, Grand Palais, Paris	Nov 14-16, 2008	Paris	Hundreds of active users Several thousand visitors

3.3   Means for Dissemination

3.3.1   General brochure and leaflet template, publicity materials

The following material has been produced or updated to facilitate the publicity work done by partners:

- the IPCity general poster
- the IPCity poster for ECS exhibition
- the IPCity general brochure
- the IPCity brochure for ECS exhibition (versions both in French and in English)

Acknowledgements and Further Information