

Integrated Project on Interaction and Presence in Urban Environments

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

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| Author(s): | Kari Kuutti, Antti Juustila, Rod McCall |
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Table of Content

| 2.1.1 | Meetings1 |
|-------|--|
| 2.1.2 | Central document repository1 |
| 2.1.3 | E-mail mailing lists1 |
| 2.1.4 | WWW-site2 |
| 2.1.5 | A system for sharing and maintaining software code and technical information 2 |

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 fourth project year both the internal and external dissemination activities have continued in a manner developed during earlier years. Because this is the last project year, dissemination has been more intensive. As a project IPCity has participated the FET09 event in Prague and organised two training and dissemination events in Vienna: A Summer School in September 2009, and the final project event in March 2010.

1 Activities during phase 4

The major goal of internal dissemination activities during the fourth year of the project has been to ensure the efficient functioning of the project towards the end. The external dissemination has intensified towards stakeholders and general public, and the level of scientific publishing has increased. In addition to scientific dissemination the project has successfully provided its results to the general public and media.

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 the fourth phase of the the project three major meetings were held. These consisted of the review with accompanying board meetings in March 2009 (Barcelona). Furthemore two further general meetings were held in April 2009 (Oulu) and November 2009 (Aalborg). While these meetings focussed on management aspects a key new element was introduced to enhance the presence research within the project namely hands-on workshops looking at data analysis and theoretical issues.

There were three meetings of the Scientific Board: one at each general project meeting.

The project's Executive Board met in person at each project meeting. Additionally there were monthly telephone conferences of the Executive Board, checking and coordinating the monthly project progress according to the monthly internal progress report provided by each work package leader based on the input received from the individual work package participants.

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 170 such "official" messages has been sent. The major volume of communication is generated by 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 1000 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 2009, one related to Summer School in Spring, and another related to Final Event in Winter.





MapLens

MapLens is an application that allows investigating physical maps through the mobile phone's camera with digital information overlaid on top of the view. Through MapLens one can see, for example, photos that are connected to certain location on the map or one's own location. MapLens can be used to upload new geo-referenced content to the map.

MapLens has been used in environmental awareness games as a tool to mix content from both physical and virtual realities and to guide the participants to focus on things in the urban nature they wouldn't otherwise perhaps notice. Visitors to the Final Event exhibition in Vienna will have the chance to try out the system in a small environmental awareness game at Stadtpark. Games will run daily and people should sign up at the event in teams of three. The game will take only half an hour, but makes a worthwhile experience.

How the system works: The MapLens application is for Symbian OS S60 on Nokia N95 phones with camera and GPS. When a paper map is viewed through the phone camera, the system analyses and identifies the GPS coordinates of the map area visible on the phone screen. Based on these coordinates, location based media (photos and their metadata) is fetched from Imagination's server. Markers to access the media by clicking the selected marker showing the thumbnail of the photo are then provided on top of the map image on the phone screen.



Figure 1: IPCity external website – an exhibition page of the Final event.

The website contains pages with descriptions of actual issus, the project in general, and about each workpackage. During 2009-2010 the deliverables from previous years were also made available.

2.1.5 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 continued to be used with respect to some widely used software items, but not extensively.

3 External dissemination

As expected, external dissemination has been very active during the 4th project phase.

3.1 Scientific dissemination

During the final phase altogether 22 scientific papers have been accepted for publication in various journals and refereed conferences. Additionally a number of presentations have been held in various workshops and publications in other media. The publication of results will continue during 2010.

Journal publications

Basile M., Terrin JJ. (2009) Le projet IP City. Une recherche sur la place des technologies de réalité mixte dans les représentations du projet urbain. In: Flux (Oct-Dec 2009)

Ozdirlik B., Vardouli S. (2009) Developing Mixed Reality Technologies for Urban Environments: communication bridges. In: Edinburgh Architecture Research Journal (accepted for publication)

Wagner, I., Broll, W., Jacucci, G., Kuutti, K., McCall, R., Morrison, A., Schmalstieg, D., Terrin, J-J. (2009). On the Role of Presence in Mixed Reality, PRESENCE special issue from RAVE'09, MIT Press. Accepted for Publication.

McCall, R., Wetzel, R., Löschner, R.,, Braun. A..(2010) Using Presence to Evaluate An Augmented Reality Location Aware Game. In Journal of Personal and Ubiquitous Computing. (accepted, pending publication)

Book chapters

Jacucci, G., Peltonen, P., Morrison, A., Salovaara, A., Kurvinen, E., & Oulasvirta, A. (in press). Ubiquitous media for collocated interaction. In Willis, K. (Ed.), Shared Encounters. Springer Series on CSCW.

McCall, R., Augmented Technologies. (2009) In Presence for Everyone. Benyon, D., Smyth, M., and Helgason, I.(eds). Napier University. ISBN. 978-8-956169-9-8. p 53-56.

Conference papers

M. Sareika, D. Schmalstieg. (2010). Bimanual Handheld Mixed Reality Interfaces for Urban Planning. AVI 2010 International Working Conference in cooperation with ACM-SIGCHI, ACM-SIGMM, SIGCHI ItalyMay 25-29, 2010 - Roma, Italy (pending publication)

Basile M., Ozdirlik B., Terrin JJ. (2010) IPCity: une recherché sur la place des technologies de réalité mixte dans les représentations du projet urbain. In : the symposium of Les premières journées du Pôle Ville de l'Université Paris-Est.

Broll, W., and Herling, J. Supporting Reusability of VR and AR Interface Elements and Interaction Techniques. In Proceedings of Virtual and Mixed Reality, Third International Conference, VMR 2009, Held as Part of HCI International 2009 (San Diego, CA, USA, July 19-24, 2009), HCI (13), Lecture Notes in Computer Science, Vol. 5622/2009, Spinger 2009, Pages 145-153.

Basile M., Ozdirlik B., Terrin JJ. (2009) Urban Projects and Multi-actor collaboration processes using mixed reality technologies. In: International Symposium on revitalising built environments: requalifying old places for new uses.

Boerner A., Maquil V. (2009) Enhancing synergies between computer science and urban disciplines: Semi-automated applications for tangible user interfaces, a case study. In: CAAD futures 2009.

Halttunen, Virtu; Juustila, Antti; Nuojua, Johanna (2009). "Technologies to support communication between citizens and designers in participatory urban planning process".

Proceedings of the colloquium 'Communicating (by) Design' at Sint-Lucas Brussels, Belgium, April 15 - 17, 2009. 559 - 568.

Jacucci, G., Spagnolli, A., Chalambalakis, A., Morrison, A., Liikkanen, L., Roveda S., Bertoncini, M., (2009) Bodily Explorations in Space: Social Experience of a Multimodal Art Installation, In: T. Gross et al. (Eds.): INTERACT 2009, LNCS 5727, pp. 62Đ75, Uppsala Sweden, Springer.

Jacucci, G., Morrison, A., Richardson, G., Kleimola, J., Laitinen, T. and Peltonen, P. Worlds of Information: Supporting multiplicity at a public multitouch display. (in press) ACM CHI 2010.

Maquil V, Sareika M, Schmalstieg D., Wagner I. (2009) MR Tent: A Place for Co-Constructing Mixed Realities in Urban Planning. GI 2009.

Morrison, A., Oulasvirta, A., Peltonen, P., Lemmela, S., Jacucci, G., Reitmayr, G., Nasanen, J., and Juustila, A. (2009). Like bees around the hive: a comparative study of a mobile augmented reality map. In Proceedings of the 27th international Conference on Human Factors in Computing Systems (CHI '09) pp. 1889-1898.

Nguyen, G.P.; Andersen, H.J.; , "Context-Based Adaptive Filtering of Interest Points in Image Retrieval," Intelligent Systems Design and Applications, 2009. ISDA '09. Ninth International Conference on , vol., no., pp.529-534, Nov. 30 2009-Dec. 2 2009

G.P Nguyen and H.J. Andersen, A new approach for detecting local features. International Conference on Computer Vision Theory and Applications (VISAPP), May 2010, France.

Ozdirlik B., Vardouli S. (2009) Developing Mixed Reality Technologies for Urban Environments: communication bridges. In: Transilient Boundaries In/Of Architecture_Conference

Wagner I., Basile M., Ehrenstrasser L., Maquil V., Terrin J., Wagner M. (2009) Supporting the Formation of Communities of Practice: Urban Planning in the MR-Tent. In: C&T 2009.

Weiland, C., Braun, A., and Heiden, W. Colorimetric and Photometric Compensation for optical see-through displays. In Proceedings of Virtual and Mixed Reality, Third International Conference, VMR 2009, Held as Part of HCI International 2009 (San Diego, CA, USA, July 19-24, 2009), HCI (13), Lecture Notes in Computer Science, Vol. 5622/2009, Spinger 2009.

Ylirisku, Salu; Halttunen, Virtu; Nuojua, Johanna; Juustila, Antti (2009). "Framing Design in the Third Paradigm." Proceeding of the 27th CHI conference on Human Factors in Computing Systems, Boston, Massachusetts, USA, April 4 - 9, 2009. 1131 - 1140. - 2 viittausta

Other Publications

McCall, R., Augmented Technologies. (2009) In Presence for Everyone. Benyon, D., Smyth, M., and Helgason, I.(eds). Napier University. ISBN. 978-8-956169-9-8. p 53-56.

McCall, R. (2010) Vienna and the Elves. Interfaces Magazine. British Computer Society, HCI Special Interest Group.

McCall, R. (2009) Interacting in Urban Environments. Perada Magazine. (<u>www.perada-magazine.eu</u>)

3.2 Organising events and participation in large events as a project

During the last project phases, the IPCity consortium participated in one large EU event, the first FET conference and exhibition, and organized two large events of its own, the Summer School and Final Event.

Participation in the FET09 event

IPCity participated in the FET09 event in Prague, see (http://ec.europa.eu/information_society/events/fet/2009/index_en.htm). Visitors were especially interested in the tracking technologies, machine vision, image processing, mobile technologies and in general the IPCity project and research done there (Figure 2). FIT, IMAG and TKK were present in the event while other partners supported the organizing of the event. Demonstrations included a WP8 demo and a talk during sessions, WP9 demo and a WP7 demo with MapLens. FET was useful even in the sense that we were able to promote IPCity to a reasonably large group of interested people from Europe's leading scientists, policy makers, industry representatives and science journalists. The event itself had around 700 participants, and was more a case of quality of booth visitor rather than quantity. IPCity was successful in getting the IPCity project across to a diverse audience.



Figure 2. IPCity booth at the FET09 in Prague.

IPCity Summer School

The project organized the IPCity Summer School (http://www.ipcity.eu/summerschool) in Vienna 22-25. September 2009 (Figure 3). The summer school provided an opportunity to 29 students to work alongside experts in the field of urban mixed realities. The summer school brought together students from a range of backgrounds including architecture, urban planning, computer games design and information technology. School included four presentations from the IPCity researchers and six workshops on IPCity, Urban Issues, Urban Renewal, Environmental Awareness, Exlporative Edutainment and Story-Telling.

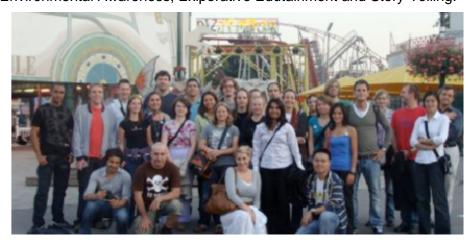


Figure 3. Summerschool participants

Final event

A dissemination event will be organised in Vienna, at the University of Applied Arts Vienna during the two days before the final project review, during 24th-25th of March. The event will consist of an exhibition presenting the research and technology developed within the project. In the exhibition, opening on the evening of 23rd, some of the technologies are available for hands on experience. Additionally there are also two panel discussions organized during the days.

3.3 Participation in events and workshops

Workshops

The following events and workshops in Table 1 were either participated or organized by the partners of IPCity.

Table 1: Events and workshops participated or organized in IPCity.

| Planned/actual | | Type of | Countries | Size of | Partner | |
|----------------|---|---------------------------------|--------------------------------------|----------|--------------------------|--|
| Dates | Type, name and location | audience | addressed | audience | responsible /involved | |
| 2009-02 | 9-02 Attended MARCUS meeting and presented IPCity WP7 and WP6 showcases to UOtago, HitLab and companies Boffa Miskell (Urban Planning) and GRC | | International | 20 | ТКК | |
| 2009-02-13 | Workshop (discussion panel) with urban professionals and researchers from public and private institutions | | french | Na | UMLV | |
| 2009-03-26 | Conference on IPCity at UMLV-Lab'Urba | research | international | Na | UMLV | |
| 2009-03-27 | A presentation of MapLens study results was given at Tampere, Finland for Nokia NRC | Research, Company | Finland | 50 | TKK | |
| 2009-03-30-31 | Transilient Boundaries In/Of Architecture Conference, Edinburgh | research | international | Na | UMLV | |
| 2009-04 | Multitouch and Surface Computing Workshop CHI 2009 organisers of workshop. With Steven C Seow, Microsoft Corporation, Dennis Wixon, Microsoft Corporation, Giulio Jacucci, HIIT, Ann Morrison, HIIT, Scott MacKenzie, York University http://www.stevenseow.com/chi09/ | Research | International | 12 | ТКК | |
| 2009-04-21-23 | FET09 Exhibition, several IPCity technologies and the project presented there. http://ec.europa.eu/information_society/events/fet/2009/ | Research, Public, Company | International | 700 | FIT, TKK, IMAG, All | |
| 2009-05-07 | Presentation of the project and work done with the technologies to prof Tone Bratteteig, a visiting scholar from Department of Informatics, University of Oslo, Norway. | Research | Norway, Finland, international | 1 | UOulu | |
| 2009-05-19 | A workshop on the research of planning and architecture, use of location aware tools (MMC) to support storytelling. Participants from University of Arts and Design, Helsinki (FIN), and Blekinge Technical University (SWE) and UOulu | Research | Finland, Sweden | 10 | UOulu | |
| 2009-05-20 | Work session with Thales and Terramagna project partners | Research, General | international | Na | UMLV | |
| 2009-05-04-05 | Urban Issues Workshop | Research, General | international | Na | UMLV, TUW | |
| 2009-06-17-19 | WP6 Pontoise Workshop | Research, General | international | Na | UMLV, TUG, TUW | |
| 2009-08-14 | Presentation of the project and technologies in a planning seminar onThe living and working environments of the future. Tulevaisuuden asumis- | Research | Finland | Na | UOulu | |

| Planned/actual | | Type of | Countries | Size of | Partner |
|----------------|---|-------------------------|---|----------|-----------------------|
| Dates | Type, name and location | audience | addressed | audience | responsible /involved |
| | ja työympäristöjä koskeva suunnitteluseminaari | | | | |
| 2009-08-16 | MapLens field trial in Helsinki, with visiting researchers. | Research | Finland | 23 | TKK, others |
| 2009-08-23 | MapLens field trial in Helsinki, with visiting researchers. | Research | Finland | 14 | TKK, others |
| 2009-09-02 | Workshop on interactional techniques in mobile virtual and augmented reality applications with Alessandro Mulloni (TUGraz), Antti Nurminen (HIIT), Ville Lehtinen (HIIT) | Research | International | 15 | TKK, TUG |
| 2009-09-07 | Vienna, Masterclass in ECSCW '09 | Research | International | Na | TUW |
| 2009-09-09 | Workshop on MR/AR examples and evaluation styles with Holger Regenbrecht (Uotago), Saija Lemmela (Nokia), Andreas Duenser (HitLabNZ), Gabriela Richard (NYU), Mikael Wahlström (HIIT) http://www.hiit.fi/~morrison/workshop6August.html | Research | International | 15 | ТКК |
| 2009-09-22-25 | Vienna, IPCity Summerschool | Research | International | 30 | All partners |
| 2009-10-12-16 | International Symposium on revitalising built environments: requalifying old places for new uses. IAPS-CSBE "Culture &Space in the built environment network" and the IAPS-Housing Network, Istanbul | research | international | Na | UMLV |
| 2009-10-14-16 | A visit , presentation and and participation to a workshop in the Blekinge Technical University, hosted by Sara Eriksén. | Research | Sweden, Finland | Na | UOulu |
| 2009-10-22 | Workshop organized by the PIRVE / CNRS « Environnement et co-production de projets : échanges franco-italiens » research program in Université de Paris Ouest Nanterre La Défense | research | international | Na | UMLV |
| 2009-10-22 | Participation and presentation in the workshop on the Research in Architecture in Otaniemi, Helsinki, Finland. | Research | Finland, international | Na | UOulu |
| 2009-11-18 | CityWall presented in a workshop at Mobile Life center, Stockholm | Research | International | 25 | TKK |
| 2009-11-25 | Conference on mixed reality technologies, urban projects and IPCity at Ecole Nationale des Ponts et Chaussées | research | french | Na | UMLV |
| 2009-11-26-27 | Oslo, Invited Workshop | Research | International | Na | TUW, TUG, UMLV, |
| 2009-11-27 | Workshop on Multitouch: Design Issues and Knowledges: Limitiations and Affordances with Hyowon Lee (UDublin), Tatu Harviainen (VTT), Mika Nieminen (TKK), Tommi Ilmonen (Multitouch Ltd), Celine Coutrix, Ivan Avdouvevski and Toni Laitinen from HIIT. http://www.hiit.fi/~morrison/workshop27November. html | Research | International | 15 | ТКК |
| 2009-11- 31 | International Conference on Intelligent Systems Design and Applications | research | International | Na | AAU |
| 2009-12-12 | Workshop (discussion panel) with urban professionals and researchers from public and private institutions | Research & professional | french | Na | UMLV |
| 2010-01-13 | Presentation of IPCity technology, especially MMC, to a group from Sitra, the Finnish Innovation Fund, an independent public fund which under the supervision of the Finnish Parliament, promotes the welfare of Finnish society. | Research, government | Finland | 30 | UOulu |
| 2010-01-18-20, | Urban Computing Workshrp at University of Queensland with National ICT Australia (NICTA) University of Queensland (UQ) and Queensland University of Technology (QUT), community, plus | Research & professional | Australia, New Zealand, Germany, | 20 | TKK |

| Planned/actual Dates | Type, name and location | Type of audience | Countries addressed | Size of audience | Partner responsible /involved |
|----------------------|---|---------------------------|---------------------|------------------|-------------------------------|
| | other IPCity and MARCUS partners in Brisbane, Australia. | | Finland | | |
| 2010-01-21-23 | Les premières journées du Pôle Ville de l'Université Paris-Est. Champs-sur-Marne | research | french | Na | UMLV |
| 2010-03-13 | Presentation in the symposium "Social media and hybrid social and urban spaces", City University of Tokyo, Yokohama | Research, professional | Japan | 120 | UOulu |
| 2010-04-10-15 | Natural User Interfaces workshop at CHI2010, organisers of workshop Giulio Jacucci, HIIT, Ann Morrison, HIIT, Steve Seow, Microsoft Surface, Dennis Wixon, Microsoft Surface. http://www.stevenseow.com/chi10/ | Research | International | 12 | ТКК |
| 2010-05-17 | International Conference on Computer Vision Theory and Applications | Research | International | Na | AAU |

Demonstrations

The following demonstrations in Table 2 were arranged by the IPCity partners.

Table 2: Demonstrations of the iPCity technologies.

| WP | Event/topic/occasion | Date | Location | Number of users |
|-------------------------------------|---|------------------------------|-----------------------|-----------------|
| WP4, WP5, WP7, WP9, All | FET09 | April 2009 | Prague | 700 |
| WP4, WP5, WP6 | Demonstration of MMC in an urban planning class | Autumm 2009 | Oulu, Ylikiiminki | 13 |
| WP4, WP5 | Demonstration session for Japanese visitors (Nara Inst. Technology) | 7 th Sept 2009 | Oulu | 2 |
| ALL | IPCity Summer School | Sept 2009 | Vienna | |
| WP6 | Oslo workshop | | Oslo | 20-25 |
| WP7 | Miracle workshop, | October 29 | Bonn | 20 |
| WP7 | MARCUS workshop | | Graz, Dunedin (NZ) | |
| WP6 | Masterclass of ECSCW conference | September 7th, 2009 | Vienna | |
| ALL | IPCity Final Event | March 2010 | | |
| WP7 | CityWall permanent installation | 2009 | Lasipalatsi, Helsinki | Na |
| WP6 | Pontoise workshops | May, June 209 | Paris | |

Training

The following training events in Table 3 were organized by the IPCity partners.

Table 3: Training events.

| WP | Event/topic/occasion | Date | Location | Number of users |
|-----|------------------------|-----------------|------------------|-----------------|
| WP8 | TimeWarp user training | January 2010 | Cologne | 66 |
| WP8 | TimeWarp user training | Jan/Feb 2010 | Christchurch, NZ | 11 |

| WP4, WP6 | MMC user training session in urban planning class | 12.Oct 2009 | Oulu | 11 |
|-------------|---|---------------------------|--------------------|----|
| WP6 | Oslo workshop | | Oslo | |
| WP7 | Miracle workshop | | Bonn | |
| WP7 | MARCUS workshop | | Graz, Dunedin (NZ) | |
| WP6 | Masterclass of ECSCW conference | | | |
| WP7 | MapLens user training | Aug 2009 | Helsinki | |
| WP9 | Participatory workshops on urban planning, digital storytelling | Spring, Summer 2009 | Vienna | |
| ALL | IPCity Summer School | Sept 2009 | Vienna | |
| WP6 | Pontoise workshops | May, June 209 | Paris | |

3.4 Other dissemination

WWW site

The Figure 4 below illustrates the geographical distribution of the visitors to the IPCity website. Most of the visitors are from the partner countries, after which USA and India, Italy and Canada follow. Total number of countries from where the site was visited is 115.

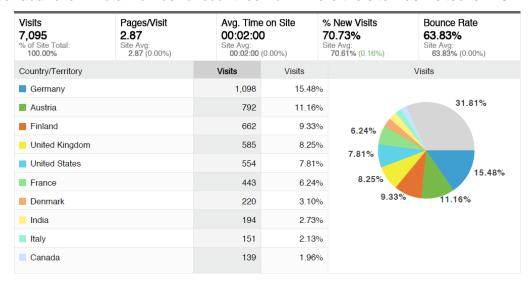


Figure 4: IPCity site visitors by country.

During the year 2009, 7095 visits were done to the site (timeline in Figure 5)

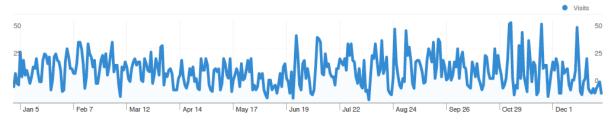


Figure 5: Visits to the www.ipcity.eu during 2009.

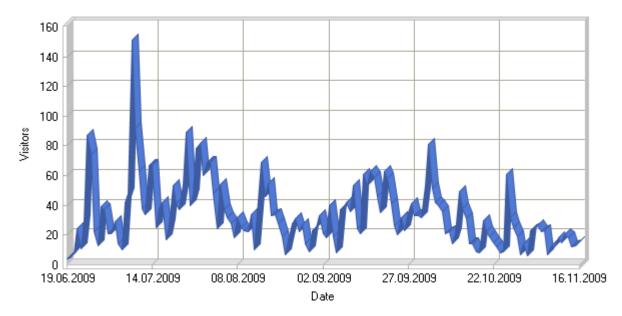
During 2009 (Figure 6), Google was also the top source for traffic. Also blogs seem to generate interest. For example, the neo-nomad blog entry referred over 200 clicks, and that blog originally posted the blog entry because of another blog writing about the IPCity project.

| Top Traffic Sources | | | | | |
|-------------------------------|--------|----------|----------------------|--------|----------|
| Sources | Visits | % visits | Keywords | Visits | % visits |
| google (organic) | 3,034 | 42.76% | ipcity | 643 | 20.25% |
| (direct) ((none)) | 1,383 | 19.49% | pergames | 57 | 1.79% |
| blog.neo-nomad.net (referral) | 244 | 3.44% | ip city | 37 | 1.16% |
| hiit.fi (referral) | 212 | 2.99% | hypermedia database | 29 | 0.91% |
| media.tuwien.ac.at (referral) | 206 | 2.90% | project deliverables | 29 | 0.91% |

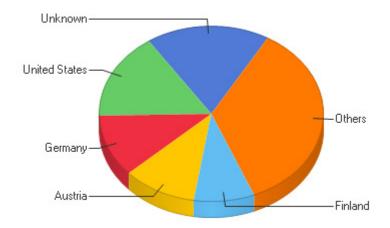
Figure 6: Traffic sources to the www.ipcity.eu during 2009.

Summer School Website

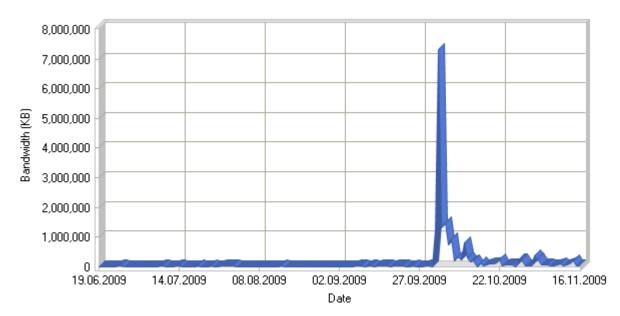
A separate website ipcity.eu/summerschool was set-up in preparation of the IPCity Summer School 2009 and was maintained to handle announcement, participant preparation and overall documentation of the event.



During the observed period from the start of the site to November 2009 the site had 33 average unique visitors per day with peaks at 150 visitors during the announcement. In total we had 2.520 unique IPs visiting to the site with a total of 36.655 total page views.



The news on the Summer School had a wide spread popularity, we had over 50 different countries visiting the website with largest volumes coming from USA 16%, Germany 11,5%, Austria 10,5%, Finland 8,5%. Still significant access from outside of EU was documented from Brazil, South Africa, Canada, China, India, New Zealand, and Russian Federation.



Daily bandwidth statistics clearly show, that however general information was most retrieved ahead of the event, many visitors returned after the event in September to browse the extensive documentation of the Summer School we put on-line, including introductory slides, slides and videos of all final presentation talks, and a photo gallery of the event.

Newsletter

The main channel of delivery of the IPCity news is the News section (http://www.ipcity.eu/?page_id=15) of the external dissemination website at www.ipcity.eu. The news items are also downloadable by using RSS feeds. The section had 280 page views during 2009, and total of 1 472 page views during the whole project. Additionally, the news items are delivered to a limited number of subscribers by email, but this number is not significant due to the primary news delivery method being the web site.

Publicity

Table 4: Publicity

| Planned/actual | | Type of | Countries | Size of | Partner |
|----------------|---|------------------------------|---------------|-------------------------------|---------------------------------|
| Dates | Type, name and location | audience | addressed | audience | responsible /involved |
| 2009 | McCall, R. Interacting in Urban Environments. Perada Magazine. (<u>www.perada-magazine.eu</u> | Public | International | Na | FIT |
| 2009 | The video of MapLens on Youtube http://www.youtube.com/watch?v=00hiRuCTBOQ has so far received 942 views | Public | International | Na | TKK, UOulu, UCAM, TUG |
| 2009 | CityWall has been advertised in the Internet (http://www.citywall.org), where it has received also a lot of attention: the CityWall Hki YouTube video (http://www.youtube.com/watch?v=lldDrCcZkZY) has had 286 925 viewers and the very first CityWall video (see http://www.youtube.com/watch?v=WkNq3cYGTPE) has had 35,882 viewers. | | International | Na | TKK |
| 2009-01-1-31 | City installation in cooperation with Cultural Office http://citywall.org | Public | Finland | Average 20-400 per week | TKK |
| 2009-03 | MapLens interview was presented in local University of Helsinki newspaper http://www.helsinki.fi/news/archive/3-2009/3-14-12-51 | Public, Research | Finland | Na | TKK |
| 2010-01-19 | "Virtuelle Zeitreise durch Köln", auf DRadio Wissen – Medien, 9 min | Radio | | | ¹ FIT |
| 2010-01-23 | "Heinzelmännchen zurück in Köln", Rheinzeitung Nr. 19, 23.1.2010, p.36 | Print | Germany | 700.000 | FIT |
| 2010-01-31 | Report, "neues", 3sat, 4 min | TV / Online | | | ² , ³ FIT |
| 2010-02-01 | "Eine Zeitreise mit TimeWarp", Computer Club Zwei, Folge 205, 15 Min | Radio / Podcast | | | ⁴ FIT |
| 2010-02-01 | "Tages Thema: Im Papier steckt mehr drin", Rheinzeitung Nr. 26, 1.2.2010, p. 4 | Print, newspaper | Germany | 700.000 | FIT |
| 2010-02-01 | Webpage for "Tages Thema: Im Papier steckt mehr drin", www.rheinzeitung.de/ar (paper augmentation with video report) | Print / Online | | | ⁵ FIT |
| 2010-03 | CeBIT, Dossier "Connected Worlds" | Online | | | FIT ⁶ |
| 2010-03-01 | "Ufos überm Rhein", in : "Focus" Nr. 09/10, p.78-79 | Print, weekly magazine | Germany | 5.730.000 | ⁷ FIT |
| 2010-04 | Playboy Deutschland, April 2010 (to appear) | Print, | Germany | 1.120.000 | ⁸ FIT |

¹ http://wissen.dradio.de/details.36.de.print?dram:article_id=159&sid=&random=fb359e

http://www.3sat.de/dynamic/sitegen/bin/sitegen.php?tab=2&source=/neues/sendungen/magazin/1415 10/index.html

12

 $^{^2\} http://www.zdf.de/ZDFmediathek/beitrag/video/959218/Time-Warp---Eine-virtuelle-Reise$

⁴ http://www.cczwei.de/index.php?id=issuearchive&issueid=276#a605

⁵ http://www.rheinzeitung.de/ar

⁶ http://www.cebit.de/_push_dossier_augmented_reality

⁷ http://meedia.de/typo3conf/ext/m2analyzer/analyzer/graph.php?time=10&category=3&titel=12

⁸ http://meedia.de/typo3conf/ext/m2analyzer/analyzer/graph.php?time=10&category=3&titel=347

| Planned/actual Dates | Type, name and location | Type of audience | Countries addressed | Size of audience | Partner responsible /involved |
|----------------------|---|--------------------|---------------------|------------------|-------------------------------|
| | | montly magazine | | | |
| 2010-0x. | TV-style report, student work, final year project "Technikjournalismus", Hochschule Bonn-Rhein- Sieg (www.h-brs.de) | University | | | FIT |
| 2010-0x. | "Forschung aktuell: Computer und Kommunikation", auf Deutschlandfunk (to appear), 4 min | Radio | | | FIT |
| 2010 | A Braun and R McCall Edited a Special Issue of the Journal of Personal and Ubiquitous Computing which is scheduled to appear in 2010. (eds. Grueter, McCall, R., Baille, L,. Braun A). | Journal | International | Na | FIT |
| 2010 | McCall, R. (2010) Vienna and the Elves. Interfaces Magazine. British Computer Society, HCl Special Interest Group. | Magazine | International | Na | FIT |

Dissemination materials

The following previous material has been used in the publicity work done by partners:

- the IPCity general poster
- the IPCity general brochure
- the IPCity Summer School 2009 poster

For the Final Event, a specific set of posters describing the whole project work has been produced.

Acknowledgements and Further Information

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For further information regarding the IPCity project please visit the project web site at: ipcity.eu