

"Bringing Autonomic Services to Life "

IST IP CASCADAS

Deliverable D0.5 Project Log

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"Bringing Autonomic Services to Life "

1 Introduction

1.1 Purpose and Scope

The purpose of this Deliverable is reporting in a diary events, meetings, phone calls, phone-audio-conferences, press release, submission/approval of papers and other any pieces of information related (and potentially useful) for CASCADAS Project activities.

This Deliverable is continuous: it will be delivered about every three months.



"Bringing Autonomic Services to Life "

2 Project Log

| Date | Event | Owner | Description | Related Links |
|---------------|-----------------------------|-------------------------------------|--|--|
| 11-13/01/2006 | Meeting | F. Bellifemine e A. Manzalini | Kick-off meeting | Minutes in the repository (folder Meetings) |
| 10/01/2006 | Press Release | University of Ulster | "EU FUNDING FOR COMPUTERS THAT CAN THINK" published on News Letter (University of Ulster) | http://www.casca das- project.org/index. html |
| 11/01/2006 | Press Release | University of Ulster | "UU IN 'BLUE-SKIES' RESEARCH PROJECT" published on Foyle News (University of Ulster) | http://www.casca das- project.org/index. html |
| 13/01/2006 | Press Release | University of Ulster | "UU IN 'BLUE-SKIES' RESEARCH PROJECT" published on Derry Journal (University of Ulster) | http://www.casca das- project.org/index. html |
| 20/01/2006 | Documentation | A. Manzalini | A template has been designed for all the documents to produce for the CASCADAS project | Minutes in the repository (folder Deliverables) |
| 24/01/2006 | Press Release | University of Ulster | "UU TEAM TO TAKE PART IN EU PROJECT" published on Community Telegraph – North Belfast (University of Ulster) | http://www.casca das- project.org/index. html |
| 24/01/2006 | Proposal to shift effort | P. Deussen | FOKUS: withdraws from WP5, shifting the 5 PMs to WP1, Task 1.1. propose to shift 2 PMs from T6.3 to T6.1 which would allow them work more properly in the definition and realization of an illustrative application. For the second project phase, FOCUS propose a similar solution | E-mail from Peter to Antonio |
| 25/01/2006 | Proposal to shift effort | E. De Nitto | Politecnico di Milano (DEI) propose to have 3 mp in wp1: 2 of which taken from wp3 and 1 from wp2. | E-mail from Elisabetta to Antonio |
| 31/01/2006 | WP Leaders PhC | A. Manzalini | Discussion of WPs interdependencies | Minutes in the repository (folder wp0) |
| 06/02/2006 | Press Release | R. Battiti | "Quando la caldaia si sintonizza con la TV" published on Università e Ricerca (6th February 2006) | http://www.casca das- project.org/index. html |
| 9/02/2006 | WP1 PhC | B. Wuest | Brainstorming on Milestone M4 | Minutes in the repository (folder wp1\meetings) |



| Date | Event | Owner | Description | Related Links |
|------------|-----------------------------------|--------------|--|---|
| 14/02/2006 | WP1 PhC | B. Wuest | Brainstorming on Milestone M4 | Minutes in the repository (folder wp1) |
| 17/02/2006 | WP Leaders PhC | A. Manzalini | Status of M4 preparation Status of application scenario definition / WP6 Liaison Partners Cooperation with other IST Project Networking between Partners (e-mailing lists) | Minutes in the repository (folder wp0) |
| 17/02/2006 | Communication on dissemination | A. Manzalini | Application-cooperative and Adaptive Signaling for Autonomic Communication Services) for the 3rd International WORKSHOP on 'Next Generation Networking Middleware' (NGNM06) in the scope of 'Networking 2006', 5h IFIP – TC6 Networking Conference alla University of Coimbra, Coimbra, Portugal (May, 19 2006) | WP8 e-mailing list |
| 20/02/2006 | Communication on dissemination | E. Gelenbe | Paper proposal for Security Workshop (Wide) presentation on "Autonomic Self-Defense" by E. Gelenbe, G. Loukas, G. Oke (Imperial College, Project CASCADAS) co-located with INFOCOM 2006 (Barcelona, April 28 th) | E-mail from Antonio |
| 21/02/2006 | Communication on dissemination | P. Michiardi | Paper proposal for Security Workshop (Wide) presentation on "Reputation mechanisms for manet and P2P over manet" | E-mail from P.Michiardi to A.Manzalini |
| 27/02/2006 | WP6 PhC | A. Manzalini | Brainstorming on Milestone M4 | Minutes in the repository (folder wp6) |
| 28/02/2006 | WP1 PhC | B. Wuest | Brainstorming on Milestone M4 | Minutes in the repository (folder wp1\meetings) |
| 03/03/2006 | WP Leaders PhC | A. Manzalini | Project volume and Brussels Plenary meeting (3 rd – 5 th May) | Minutes in the repository (folder wp0) |
| 03/03/2006 | Meeting Call | A.Manzalini | Plenary Meeting in Brussels (3-5, May,'06). | E-mail to All |
| 05/03/2006 | Web-site | R. Alfano | Released final version Web-site | http://www.casca das-project.org/ |



| Date | Event | Owner | Description | Related Links |
|------------|-----------------------------------|--|--|--|
| 06/03/2006 | Dissemination | F. Zambonelli, N. Bicocchi | Participation to the workshop "The Internet of Things" in Brussels, organized by the European Commission. | http://cordis.eur opa.eu/ist/audio visual/neweve/e /conf6- 70306/conf6- 70306.htm |
| 07/03/2006 | Communication on dissemination | A. Manzalini, F. Zambonelli | The paper "Towards Autonomic and Situation-Aware Communication Services: the CASCADAS Vision" submitted to IEEE "Workshop on Distributed Intelligent Systems" Prague, 15-16 June 2006 has been accepted as paper of Session S of the final program. | Paper in the repository (folder Publications\prop osal_for_IEEE- DIS06) |
| 07/03/2006 | Communication on dissemination | R. Alfano, G. Di Caprio | The paper "TURBO: an autonomous execution environment with scalability and load balancing features" submitted to IEEE "Workshop on Distributed Intelligent Systems" Prague, 15-16 June 2006 has been accepted as paper of Session S of the final program. | Paper in the repository (folder Publications\prop osal_for_IEEE- DIS06) |
| 07/03/2006 | Communication on dissemination | L. Baresi, M. Baumgarten, M. Mulvenna, C. Nugent, K. Curran, P. H. Deussen | The paper "Towards Pervasive Supervision for Autonomic Systems" submitted to IEEE "Workshop on Distributed Intelligent Systems" Prague, 15-16 June 2006 has been accepted as paper of Session S of the final program. | Paper in the repository (folder Publications\prop osal_for_IEEE- DIS06) |
| 08/03/2006 | Communication on dissemination | E. Gelenbe, Peixiang Liu, J. Laine | The paper "Genetic Algorithms for Autonomic Route Discovery" submitted to IEEE "Workshop on Distributed Intelligent Systems" Prague, 15-16 June 2006 has been accepted as paper of Session S of the final program. | Paper in the repository (folder Publications\prop osal_for_IEEE- DIS06) |
| 08/03/2006 | Documentation | A. Manzalini | Delivery to EC of Deliverable D0.1 "E-collaboration Suite" | Deliverable in the repository (folder Deliverables) |
| 13/03/2006 | Documentation | A. Manzalini | Delivery to EC of Deliverable D8.1 "Public Web Site" | Deliverable in the repository (folder Deliverables) |
| 09/03/2006 | Communication on dissemination | A. Manzalini | FET (Future and Emerging Technologies, the long-term research part of the EU IST programme) is currently defining the detailed content of the future calls in the 7th Framework Programme of Research. Every input will be crucial in order to identify priority research challenges. | E-mail to Wide. Consultation forum at <u>www.beyond-the-</u> horizon.net. |
| 13/03/2006 | Proposal to shift effort | A.Manzalini | TI propose its participation into WP5, specifically: Task 5.1: effort 5 PM Task 5.2: effort 10 PM Moving efforts from WP2 (5PM) and WP6 (10PM) | E-mail from Antonio to WP2, WP5 and WP6 leaders |



| Date | Event | Owner | Description | Related Links |
|------------|-----------------------------------|------------------|--|--|
| 13/03/2006 | Call for Papers | A. Manzalini | JOURNAL OF NETWORK AND SYSTEMS MANAGEMENT Special Issue on Autonomic Pervasive and Context-aware Systems Deadline March 31, 2006 | E-mail to Wide |
| 14/03/2006 | WP1 PhC | A.Manzalini | Discussion about State of the Art for M4 | Minutes in the repository (folder wp1\meetings) |
| 14/03/2006 | Call for Papers | B. Wuest | New Trends in Network Architectures and Services: International Workshop on Self-Organizing Systems (IWSOS 2006) September 18 - 20, 2006 University of Passau, Germany | E-mail to Wide http://www.fmi.uni -passau.de/iwsos |
| 14/03/2006 | WP5 PhC | A. Manzalini | Discussion about State of the Art for M4 | Not available |
| 17/03/2006 | WP6 PhC | A. Manzalini | Discussion of M4 preparation (ToC and distribution of work) | Minutes in the repository (folder wp6) |
| 17/03/2006 | Call for Papers | B. Wuest | The 20th International Symposium on Distributed Computing (DISC 2006), September 18-20, 2006 Stockholm, Sweden. | E-mail to Wide http://www.sics.se /disc2006 |
| 25/03/2006 | Dissemination | F. Zambonelli | Participation to PerCom conference and to a panel: "Autonomic: a booster for pervasive" with general presentation of SAC activities by F. Sestini and specific presentation of CASCADAS activities by F. Zambonelli | www.percom.org |
| 27/03/2006 | WP Leaders PhC | A. Manzalini | Brainstorming on ACE structure | Minutes in the repository (folder wp0) |
| 28/03/2006 | Communication on dissemination | A. Montresor | Conference SelfMan'06 (<u>http://research.ihost.com/selfman20</u> <u>06</u>) Title "Proximity-Aware Superpeer Overlay Topologies" by G.P. Jesi, A. Montresor, O. Babaoglu | Article in the repository (folder Publications) |
| 29/03/2006 | Documentation | A. Manzalini | Delivery to EC of Deliverable D0.2 "Quality Plan" | Deliverable in the repository (folder Deliverables) |
| 29/03/2006 | Documentation | A. Manzalini | Delivery to WP Leaders of internal document "Quarterly Report" | E-mail from A. Manzalini |



| Date | Event | Owner | Description | Related Links |
|---------------|-----------------------------------|--|---|--|
| 30/03/2006 | Communication on dissemination | F. Zambonelli | Publication of the paper: "Self- maintaining Overlay Data Structures for Autonomic Pervasive Services" presented at the "2nd IEEE Workshop on Self-managed Networks, Systems & Services (SelfMan 2006), Dublin (IR), June 2006. | E-mail from F. Zambonelli to A. Manzalini |
| | | | To be published by Springer in the LNCS. | |
| 31/03/2006 | WP Leaders PhC | A. Manzalini | Organization of the Brussels Plenary meeting. | Minutes in the repository (folder wp0) |
| 31/03/2006 | Communication on dissemination | I. Stavrakakis | Publication of the paper "Mistreatment in Distributed Caching Groups: Causes and Implications", Nikolaos Laoutaris, Georgios Smaragdakis, Azer Bestavros, Ioannis Stavrakakis, presented at IEEE INFOCOM 2006, April 24- 28,2006, Barcelona. | http://cgi.di.uoa.gr /~istavrak/publicat ions/2006INFOC OM.Isbs.pdf |
| 31/03/2006 | Communication on dissemination | I. Stavrakakis | Publication of the paper "A Feedback Control Approach to Mitigating Mistreatment in Distributed Caching Groups," Georgios Smaragdakis, Nikolaos Laoutaris, Ibrahim Matta, Azer Bestavros, Ioannis Stavrakakis, presented at IFIP Networking 2006, May 15-19, 2006, Coimbra. | http://cgi.di.uoa.gr /~istavrak/publicat ions/2006NETWO RKING.slmbs.pdf |
| 04/04/2006 | WP1 PhC | B. Wuest | Discussion on the ACE structure | Minutes in the repository (folder wp1/meetings) |
| 20/04/2006 | WP1 PhC | B. Wuest | Discussion on the M4 report | Minutes in the repository (folder wp1/meetings) |
| 21/04/2006 | WP Leaders PhC | A. Manzalini | Brainstorming on test-bed experimental activities and demonstrations | Minutes in the repository (folder wp0) |
| 25-27/04/2006 | Dissemination | F. Zambonelli, M. Mamei | Participation to the ACM Conference on Applied computing, in Dijon (F) and presentation of the paper "Making tuple spaces physical with RFID tags". | www.acm.org/c onferences/ sac / sac2006 / |
| 27/04/2006 | WP1 PhC | B. Wuest i | Discussion on the M4 report | Minutes in the repository (folder wp1/meetings) |
| 02/05/2006 | Documentation | A. Manzalini, A. Mannella, R. Alfano | Summary of the discussions on ACE modeling as before the Bruxelles meeting (3-5 May, 2006) | Minutes in the repository (folder wp1/ideas) |



| Date | Event | Owner | Description | Related Links |
|--------------|------------------------------------|-------------------------------|---|--|
| 3-5/05/2006 | Plenary Meeting (hosted by ULB) | A.Manzalini | Plenary meeting, in particular: Opening Plenary Meeting with EC Joint WP meetings WPs meetings | WP meeting minutes in the respective repository folders |
| 7-10/05/2006 | Dissemination | F. Zambonelli, M. Mamei | Participation to the AAMAS conference and associated workshop in Hakodate (J), and presentation of the papers related to WP5 activities: "Urban Traffic Control with Co-Fields", and "Programming Modular Robots with the TOTA Middleware" | www.fun.ac.jp/a amas2006 |
| 12/05/2006 | WP Leaders PhC | A. Manzalini | Discussion about the organization of the next WP1, WP2, WP3 and WP5 interim meetings. | Minutes via e-mail to the WP Leaders |
| 16/05/2006 | WP1 PhC | B. Wuest | Discussion of the Brussels meeting and the ACE-discussion diary | Minutes in the repository (folder wp1/meetings) |
| 7/06/2006 | WP6 Meeting | A. Manzalini | MIP-TI meeting on WP6 Task2 | Minutes circulated over WP6 e- mailing list (by Monica Corrado on 13 th June) |
| 9/06/2006 | Documentation | B. Wuest | A new document "Topic list in WP1" has been created. The intention of this document is to have a list of topics, and areas of work, that WP1 is supposed to concentrate on. The identification of the topics is based on requirements analysis (from other WPs) and own (WP1 internal) discussions (protocols, diary, etc.). | |
| 13/06/2006 | WP1 PhC | B. Wuest | Discussion on WP1 progresses and next steps | Minutes in the repository (folder wp1/meetings) |
| 13/06/2006 | WP1 PhC | B. Wuest | The ACE-conceptual-mapping document was presented by TI and discussed. | Document in the repository (folder wp1/ideas/ACE_a rchitecture) |
| 16/06/2006 | Communication on Dissemination | P.Marrow, A. Manzalini | Submission of a proposal for an invited session at SOAS'2006 International Conference on Self- Organization and Autonomous Systems in Computing and Communications held in Erfurt, Germany – September 18-20, 2006 | Document in the repository (folder publications) |



| Date | Event | Owner | Description | Related Links |
|---------------|-----------------------------------|----------------------------|--|---|
| 16/06/2006 | Communication on dissemination | A. Manzalini | Paper "Distributed Auctions in Autonomic Communication Services" by Erol Gelenbe (ICL), Ricardo Lent (ICL), Antonio Manzalini (TI) at GOSP WS Co-located with IEEE/CreateNet BROADNETS 2006, October 9-13, San Jose, California, USA | Document in the repository (folder publications) |
| 19/06/2006 | WP6 PhC | A. Manzalini | Preparation of next WP6 Deliverables D6.1 Part A - Description of application scenarios and of the services to be provided. D6.1 Part B - Prospective studies on the socio-economical aspects of the Connected Society D6.2 Part A - Experimental QoS Evaluation D6.2 Part B - Distributed test bed specifications | Minutes circulated over WP6 e- mailing list (by A.Manzalini on 21 st June) |
| 20/06/2006 | Communication on dissemination | P. Marrow, A. Manzalini | Invited session accepted at SOAS'2006 | E-mail on 20/06 |
| 23/06/2006 | WP Leaders PhC | A. Manzalini | Brainstorming on: Next Deliverables: next steps Book: next steps Project Logo, Slogan, Poster Language and format issues | Minutes in the repository (folder wp0) |
| 03-07/07/2006 | WP5 Meeting | F, Zambonelli | Meeting in Reggio Emilia with UU delegates to advance knowledge network specifications, and PhC conferences with other partners | Minutes in the repository |
| 11/07/2006 | WP3 workshop | F. Saffre | Presentations + brainstorming between WP3 contributors, held in BT premises in Ipswich (11-13 July) | Presentations in the repository (WP3 folder) |
| 18/07/2006 | WP1 PhC | B. Wuest | Discussion of the open topics of the Budapest meeting and setting up a time plan for the requirement analysis | Minutes in the repository (folder wp1) |
| 08/08/2006 | WP1 PhC | B. Wuest | Discussion on the requirements mindmap, the table of contents of the M12 report, and the autonomic behaviours of ACEs. | Minutes in the repository (folder wp1) |



| Date | Event | Owner | Description | Related Links |
|---------------|---|---|--|--|
| 18/08/2006 | Communication on dissemination | FOKUS | Submission to IEEE MACE 2006 1 st IEEE International Workshop on Modelling Autonomic Communications Environments – October 25-26, Dublin, Ireland held as part of Manweek 2006 entitled "On Concepts for Autonomic Communication Elements" "Accepted by the Technical Programme Committee as a full paper". | E-mail on 18/08 |
| 04/09/2006 | WP Leaders PhC | A.Manzalini | Discussion about: Status of Deliverable due by December (ToC, DoW, any red flags) Cascadas Book (scheduling) Logo and motto (low priority, but item to be closed shortly) Joint session during the Berlin meeting | WP meeting minutes in the respective folders |
| 18-20/09/2006 | Plenary Meeting (hosted by FOKUS) | A.Manzalini | Plenary meeting, in particular: 1) Opening Plenary 2) Joint WP meetings 3) WPs meetings | WP meeting minutes in the respective repository folders |
| 19/09/2006 | Communication on dissemination | M. Potts (organizer) | Networking Session "Opportunistic Networking for Pervasive Communications and the Future Internet" accepted at IST 2006 Helsinki, 21-23 November 2006 and will take place on Wednesday 22 nd November 12:30 – 14:00, in Room 209. | E-mail on 19/09 |
| 20/09/2006 | Dissemination | P. Marrow; A. Di Ferdinando, P.Deussen | Dissemination at SOAS2006 International Conference on Self- Organization and Autonomous Systems in Computing and Communications held in Erfurt, Germany – September 18-20, 2006 | |
| 22/09/2006 | Communication | A. Manzalini | Approval by GA of new Logo and Motto | E-mail on 22/09 |
| 25/09/2006 | Disseminarion | F. Zambonelli | Participation of UNIMORE group at the workshop "WOA: from objects to agents" in Catania (Italy) and presentation of papers related to CASCADAS results: "self- organization mechanisms for pervasive computing" and "a simple model and infrastructure for browsing the world". | |
| 26/09/2006 | Changes in the project | B. Wuest | Bjoern leaves UNIK and consequently WP1 leadership | E-mail on 26/09 |
| 26/09/2006 | Changes in the project | A. Manzalini | A. Manzalini takes WP1 leadership ad interim. | E-mail on 26/09 |



| Date | Event | Owner | Description | Related Links |
|------------|-----------------------------------|--------------|--|--|
| 04/10/2006 | Meeting with Project Officer | A. Manzalini | Brainstorming about project status and preparation of Technical Review | E-mail on 05/10 |
| 05/10/2006 | Communication | A. Manzalini | Announcement of WP1 and WP Leaders meetings in Turin (18 th – 20 th December) | E-mail on 05/10 |
| 06/10/2006 | WP1 PhC | A. Manzalini | Discussion about preparation of D1.1 Deliverable | E-mail on 06/10 |
| 09/10/2006 | Communication | A. Manzalini | Template and instructions to prepare the documentation for the Tech. Review | E-mail on 09/10 |
| 09/10/2006 | Communication on dissemination | P. Deussen | CASCADAS has been identified as the "Project of the Month" for October from Fraunhofer Institute for Open Communication Systems. | E-mail on 09/10 |
| 24/10/2006 | Communication on dissemination | BUTE | BUTE has been invited to prepare general paper on CASCADAS for the Hungarian journal "Híradástechnika". | 24/10/2006 |
| 27/10/2006 | WP4 | R.Cascella | Synchronization of WP4 for D4.1 | Minutes in the repository (folder wp4) |
| 30/10/2006 | Communication on dissemination | R. Battiti | The Partner Università degli Studi di Trento – Department of Information and Communication Technology will organize the conference "Learning and Intelligent Optimization LION 2007", Andalo (Trento), 12-18 February 2007. Cascadas (A.Manzalini) will organized a satellite workshop on learning and optimization for autonomic systems | E-mail on 30/10 |
| 27/11/2006 | WP4 | R.Cascella | Synchronization of WP4 for D4.1 | Minutes in the repository (folder wp4) |
| 06/11/2006 | WP4 | R.Cascella | Synchronization of WP4 for D4.1 | Minutes in the repository (folder wp4) |
| 09/11/2006 | Communication on dissemination | A. Manzalini | A paper "Self-Organization of Distributed Components for Autonomic Communication Services" by R. Alfano, A. Mannella, A. Manzalini, has been submitted to Computer Journal Special issues on Autonomics | E-mail on 09/11 |
| 16/11/2006 | Communication on dissemination | A. Manzalini | Antonio has been invited by EC to help organising and to disseminate Cascadas project results at the BIGG event (Bridging Global Computing with Grid, November 28-29, 2006 ETSI Headquarters Sophia-Antipolis, France). | E-mail on 16/11 http://www.coregri d.net/mambo/cont ent/view/270/288/ |
| 17/11/2006 | Dissemination | F. Saffre | F. Saffre's presentation in the IST- FET seminar series (Brussels) | |



| Date | Event | Owner | Description | Related Links |
|---------------|--|------------------|--|--|
| 22/11/2006 | WP Leaders PhC | A. Manzalini | Discussion about: Status of Deliverable due by December Status of Technical Review Preparation Agenda Turin Meeting | Minutes in the repository |
| 22/11/2006 | WP1 PhC | A. Manzalini | Discussion about: Status of preparation of contributions for WP1 Deliverable Actions from last PhC | Minutes in the repository (folder wp1) |
| 23/11/2006 | WP5 PhC | F. Zambonelli | Planning of next year activities and completion of deliverables | Minutes in the repository |
| 27-28/11/2006 | WP2 meeting | P. Duessen | Two major topics have been discussed: (1) state of the M12 Deliverable, (2) draft planning for months 19-36 | Minutes in the repository (folder wp2) |
| 27/11/2006 | WP4 | R.Cascella | Synchronization of WP4 for D4.1 | Minutes in the repository (folder wp4) |
| 28-29/11/2006 | Dissemination | A.Manzalini | Antonio joined the BIGG event disseminating Cascadas results | http://www.c oregrid.net/ mambo/conten t/view/270/2 88 |
| 29/11/2006 | Information on the first annual review | A. Manzalini | The first annual review will take place in Zurich (in the facilities provided by ETH), March 5-6, 2007. | E-mail on 29/11 |
| 04/12/2006 | WP Leaders PhC | A. Manzalini | Brainstorm on the Draft Planning for the next 18 th months (from M13 to M30). | Minutes in the repository |
| 05/12/2006 | WP4 | R.Cascella | Deliverable D4.1 | Minutes in the repository (folder wp4) |
| 07/12/2006 | Plenary Meeting (hosted by TI) | A. Manzalini | Announcement of the next Plenary (Turin, 15th–17th January, 07). Main goals will be: progressing WPs activities (specifically for the Cascadas tool-kit development), preparing the Technical Review. | E-mail on 07/12 |



| Date | Event | Owner | Description | Related Links |
|------------|-----------------------------------|--------------|---|--------------------------------------|
| 13/12/2006 | CASCADAS Review | A. Manzalini | Antonio forwards an e-mail from EC reporting that the CASCADAS review will be on 5 - 6 March 2007 in Zurich, Switzerland. The list of reviewers is: | E-mail 13/12/06 |
| | | | Seif Haridi (Swedish Institute of Computer Science) | |
| | | | Chiara Petrioli (University of Rome La Sapienza) Rolf Stadler (KTH Royal Institute of Technology, Sweden) | |
| | | | Jose Fiadeiro (University of Leicester) | |
| 14/12/2006 | Communication on dissemination | P. Michiardi | Call for papers for the First IEEE WoWMoM Workshop on "AUTONOMIC and OPPORTUNISTIC COMMUNICATIONS - AOC 2007", June 18, 2007 - Helsinki, Finland organized by ANA and HAGGLE projects. | http://cnd.iit.cnr.it/ aoc2007/ |
| 14/12/2006 | Communication on dissemination | A. Manzalini | Call for papers for the 1 st IEEE Workshop on Autonomic Communication and Network Management (ACNM'07), Munich, Germany | http://www.netlab. nec.de/acnm07/ |
| 18/12/2006 | Communication on dissemination | E. Gelenbe | A paper "A survey of Autonomic Communications" by S. Dobson, E. Gelenbe, F. Massacci, F. Saffre, F. Zambonelli, has been published on ACM Transactions on Autonomous and Adaptive Systems, Vol.1, N. 2 December 2006 | E-mail on 18/12 |
| 18/12/2006 | Communication on dissemination | B. Benko | Hungarian paper on CASCADAS has been selected as best paper and will be published in the English edition. | E-mail on 18/12 |
| 18/12/2006 | WP Leaders Meeting | A. Manzalini | WP Leaders Meeting in Turin, 18th – 19th December, 2006. Main goals: Technical Review Documentation and Technical Deliverable: status / next steps Planning next 18 months | Minutes in the repository |
| 18/12/2006 | Communication on dissemination | E. Gelenbe | A paper "A survey of Autonomic Communications" by S. Dobson, E. Gelenbe, F. Massacci, F. Saffre, F. Zambonelli, has been published on ACM Transactions on Autonomous and Adaptive Systems, Vol.1, N. 2 December 2006 | E-mail on 18/12 |



| Date | Event | Owner | Description | Related Links |
|------------|--|--------------|--|---|
| 19/12/2006 | WP1 meeting | A. Manzalini | WP1 Meeting in Turin, 19 th – 20 th December, 2006. | Minutes in the repository |
| 19/12/2006 | Establishment of the Task Force on implementation and integration of the tool-kit | A. Manzalini | Coordination of development and integration of the tool-kit will be strengthen by a newly established Task Force composed (for sake of effectiveness) by 4 key people. Edzard Höfig (Fokus), R. Alfano (TI), R. Lent (ICL) and M. Mamei (UniMore) have been appointed as members of the Task Force. The Task Force doesn't require any budget allocation (as man-power of WP6 will be charged). | Minutes of WP Leaders and WP1 meetings in the repository |
| 20/12/2006 | Communication on dissemination | A. Manzalini | Call for papers for the "First International Conference on Autonomic Computing and Communication Systems", 28-30 October 2007, Rome (Italy) | Details at: http://www.autono mics- conference.eu/ |
| 21/12/2006 | Communication on dissemination | A. Manzalini | Call for Papers for "ICIN2007 Emerging Web and Telecom Services: Collision or Competition?", 8–11 October 2007, Cité Mondiale, Bordeaux -France | Details at : www.icin- conference.com |
| 22/12/2006 | Call for Papers | F. Saffre | Call for Papers for First IEEE International Conference on Self- Adaptive and Self-Organizing Systems (SASO 2007), 9-11 July 2007, Boston, Mass. USA | Details at: http://projects.csai l.mit.edu/saso200 7/ |
| 22/12/2006 | Call for Papers | F. Saffre | Call for Papers for First International Workshop on Engineering Emergence in Decentralised Autonomic Systems (EEDAS 2007), to be held in conjunction with the Fourth IEEE International Conference on Autonomic Computing (ICAC 2007), 11-15 June 2007, Jacksonville, Florida USA | Details at: http://www.cs.kule uven.be/~distrinet /events/eedas/20 07/ |
| 27/12/2006 | WP Leader action | A. Manzalini | As agreed in the Turin meeting, WP Leaders are requested to report on the Project Wiki page some key definitions related to their main WPs activities. | Details at: http://cascadas- project.org/dokuw iki/doku.php?id=d efinitions |
| 04/01/2007 | Plenary Meeting (hosted by TI) | A. Manzalini | Draft Agenda of the Plenary meeting | E-mail on 04/01 |
| 10/01/2007 | Communication | A. Manzalini | Deliverable D1.1 ready for delivery | Repository |
| 10/01/2007 | Communication | A. Manzalini | Deliverable D8.2 ready for delivery | Repository |
| 17/01/2007 | WP1 Meeting | A. Manzalini | WP1 meeting – ACE tool-kit low level specifications – Modena, 19 th -23 rd February | E-mail on 17/01 |



| Date | Event | Owner | Description | Related Links |
|------------|---------------------------------------|------------------|---|--|
| 17/01/2007 | Communication and dissemination | A. Manzalini | Cascadas review will be followed by a S&AC clustering workshop which will also launch the Future Internet Research Experimentation (FIRE) initiative. | E-mail on 17/01 http://cordis.europ a.eu/fp7/ict/fire/ho me_en.html |
| 17/01/2007 | Plenary Meeting (hosted by ICL) | A. Manzalini | Draft Agenda of the Plenary Meeting – London, 14 th – 17 th May | E-mail on 17/01 |
| 19/01/2007 | Call for Papers | F. Zambonelli | Call for Papers for the First IEEE WoWMoM Workshop on "AUTONOMIC and OPPORTUNISTIC COMMUNICATIONS - AOC 2007" - June 18, 2007 - Helsinki, Finland | http://cnd.iit.cnr.it/ aoc2007/ |
| 22/01/2007 | Call for Papers | S. Haseloff | Call for Papers for the 8th International Conference on Internet Computing 2007 (ICOMP'07) - June 25 - 28, 2007 Monte Carlo Resort, Las Vegas, Nevada, USA | http://www.ic- icomp.org/ICOMP 2007 |
| 22/01/2007 | Communication on dissemination | E. Gelenbe | Article title: A self-aware approach to denial of service defence Reference: COMPNW3435 Journal title: Computer Networks Corresponding author: Prof E. Gelenbe First author: Prof Erol Gelenbe PDF offprint dispatch: 22-1-2007 | E-mail on 22/01 |
| 30/01/2007 | Call for Papers | E. Gelenbe | Call for Papers for "I S C I S 2007 " 22nd International Symposium on Computer and Information Sciences, November 7-9, 2007 - Middle East Technical University, Ankara, Turkey | http://www.iscis.m etu.edu.tr/ |
| 20/02/2007 | Workshop | A. Manzalini | In preparation for the call 2 of the EU ICT programme, an open workshop will be held on 6-7 March 2007 in ETH Zurich (<u>http://www.ana-</u> <u>project.org/workshop/program/start</u>), in order to discuss the research contents of the FIRE (Future Internet Research and Experimentation) initiative. | http://cordis.europ a.eu/fp7/ict/fire/ |
| 20/02/2007 | Communication | A. Manzalini | Final Agenda of the Review meeting | E-mail |
| 20/02/2007 | Communication | A. Manzalini | Communication of username and password of the Cascadas web-site to Reviews | E-mail |
| 22/02/2007 | Communication | A. Manzalini | 'Delivery of CD containing all Cascadas documentation to Reviewers: jose@fiadeiro.org'; 'petrioli@di.uniroma1.it'; 'stadler@s3.kth.se' | Receipt of Carrier |
| 23/02/2007 | Call for Papers | A. Manzalini | Call for Papers for "IWSOS 2007" 2nd International Workshop on Self- Organizing Systems, September 11- 13, 2007 - English Lake District, UK. Organized by the Computing Department at Lancaster University | http://www.iwsos. org/2007 |



| Date | Event | Owner | Description | Related Links |
|-------------|---------------------------|---|---|---|
| 28/02/2007 | WP Leaders PhC | A. Manzalini | Coordination meeting for the Review | Minutes in the repository |
| 5-7/03/2007 | Review Meeting | A.Manzalini and Cascadas Representati ves | First Review Meeting | |
| 13/03/2007 | Communication | M.Mamei | Task Force document on tool-kit integration | E-mail |
| 16/03/2007 | WP2 Meeting | P.Deussen | WP2 Meeting in Turin to progress activities | |
| 20/03/2007 | WP1 PhC | Sandra Haseloff | Phone Conference of WP1 for progressing activities and for the preparation of the Review | https://cascadas- project.org:444/re positories/cascad as/trunk/wp1/mee tings/20070320_p hone_conference/ PhC_Protocol_W P1-20070320.doc |
| 23/03/2007 | Final Review Report | A. Manzalini | Reception via e-mail of the final review report. | E-mail on 23-3 |
| 23/03/2007 | WP2 PhC | P.Deussen | WP2 Phone-Conference to progress activities | E-mail |
| 29/03/2007 | Communication | A. Manzalini | Revisions of Deliverables and New DoW should be available by 12 th April | E-mail on 29-03 |
| 30/03/2007 | Meeting | A. Manzalini | Follow-up meeting of Antonio with Marek (P.O.) on Cascadas financial aspects | E-mail on 28-03 |
| 4/05/2007 | WP Leaders PhC | A. Manzalini | Coordination phone-conference with WP Leaders to organize the Plenary Meeting. Overall goals of the Plenary are: Sharing status of ongoing development activities and defining next steps Progressing definition of Deliverables (Report) due at M18 Elaborating on next steps for Tool- kit integration Orchestrating WPs integration | Overall Agenda in e-mail on 04-05 |
| 08/05/2007 | Workshop | A. Manzalini | Announcement of Workshop on Services in Situated and Autonomic Communication Networks "Bringing Autonomic Services to Life" Imperial College, London, May 14, 2007 | Agenda in e-mail. Workshop website: http://san.ee.ic.ac .uk/sacn07 |
| 9/05/2007 | Call for Participation | I. Stavrakakis | Tutorial and Ph.D Student Poster Workshop, Corfù Greece, 12,13 June 2007 | E-mail on 09-05 |



| Date | Event | Owner | Description | Related Links |
|---------------|---|---------------------|--|--|
| 15/05/2007 | Workshop at ICL | Erol Gelenbe ICL | A Workshop on Services in Situated and Autonomic Communication Networks | Workshop website: http://san.ee.ic.ac .uk/sacn07 |
| | | | "Bringing Autonomic Services to Life" | .uk/sach07 |
| | | | Imperial College, London, May 14, 2007 | |
| 16-18/05/2007 | Plenary Meeting at ICL | Erol Gelenbe ICL | Cascadas Plenary Meeting at ICL | |
| 18/05/2007 | Plenary Meeting (hosted by EURECOM) | A. Manzalini | Announcement of next Plenary Meeting – Sophia Antipolis, 24 th – 26 th September | E-mail on 18/05 |
| 25/05/2007 | Plenary Meeting (hosted by TI) | A. Manzalini | Announcement of Plenary Meeting – Turin, 12 th – 16 th November | E-mail on 25/05 |
| 31/05/2007 | Call for Participation | F. Saffre | SASO 2007 – First International Conference on Self-Adaptive and Self-Organizing Systems – Boston, Massachusetts, July 9-11, 2007 | http://projects.csai l.mit.edu/saso200 7/ |
| 07/06/2007 | WP4 PhC | R. Cascella | WP4 PhC to update about the status of the upcoming deliverable. | |
| 01/06/2007 | New partner | A. Manzalini | Proposal for a possible participation of Seat (Italian Yellow Pages and Content Provider) as a new Partner of the Cascadas Consortium. Telecom Italia will pass a limited amount on man-power to Seat in order they can join WP6 (with 12 mm). GA accepted the proposal. | E-mail |
| 01/06/2007 | Call for Participation | A. Manzalini | Preliminary announcement of an International workshop (TI, Turin,14 th –15 th November). The idea is to invite Network/Service Providers, Content Providers, Vendors, Academia, SME that are interested in elaborating on technologies and solutions for an autonomic distributed service framework capable of meeting challenges and requirements of evolutionary service markets. Related IST projects and EC will be also invite to join the workshop. | E-mail |
| 06/06/2007 | WP Leaders PhC | A. Manzalini | Agenda is: Status of Deliverable due for M18 Orchestration of activities for the demo use-case Resuming Cascadas Book Next Plenaries for 2007: Sophia Antipolis (24-26 September) and Turin (3 days in the week 12-16 November) | Agenda in e-mail on 06-06, minutes in e-mail on 07- 06. |
| 11-15/06/2007 | Code Camp meeting of WP1 | Sandra Haseloff | Code Camp meeting (Berlin) of WP1 for progressing the development of the tool-kit | |



| Date | Event | Owner | Description | Related Links |
|---------------|---|------------------|---|---|
| 13/06/2007 | Concertation meeting | A. Manzalini | Participation at the Concertation meeting of SAC (Bruxelles, 13 th June) | |
| 13/06/2007 | Communication | A. Manzalini | Antonio asks SEAT to write a letter to be sent to the P.O. to announce their participation in Cascadas | E-mail |
| 14-15/06/2007 | WP2 Meeting | P.Deussen | WP2 meeting on D2.2 preparation | Agenda in e-mail on 13-06, minutes in e-mail on 18- 06. |
| 25/06/2007 | Communication on Call for Papers | M. Mamei | 2008 ACM Symposium on Applied Computing Self-Organization in Pervasive Distributed Systems Track March 16-20, 2008 Fortaleza, Ceara, Brazil | http://polaris.ing.u nimo.it/sopds200 8/ |
| 27/06/2007 | WP1 PhC | S. Haseloff | Phone Conference on D1.2 preparation | Minutes in e-mail on 18-06 |
| 28/06/2007 | Communication | A. Manzalini | SEAT confirm that the letter to be sent to the P.O. to announce their participation in Cascadas is ready and under signature | Phone-call |
| 28/06/2007 | S/W package of knowledge networks ready | F. Zambonelli | Code of the knowledge network software uploaded into the SVN. (under WP5/Software). | E-mail |
| 06/08/2007 | Communication on Call for Papers | A. Manzalini | Workshop on "Technologies for Situated and Autonomic Communications" has been accepted for the BIONETICS conference held in Budapest, Hungary, on December 10-12, 2007 | E-mail on 06/08 |
| 24/08/2007 | Communication | A. Manzalini | EC has approved the new DoW. | E-mail on 24/08 |
| 29-30/08/2007 | WP2 Meeting | P. Deussen | WP2 meeting (hosted by TI) to progress work | |
| 24-26/09/2007 | Plenary Meeting | A. Manzalini | Plenary meeting in Sophia Antipolis (hosted by EURECOM) | Agenda attached e-mail on 10/09 |
| 25/09/2007 | Plenary Meeting | WP1 | Demonstration of the 1 st release of the cascadas tool-kit | Version available on the web-site |
| 25/09/2007 | Dissemination | F. Zambonelli | Context model of CASCADAS knowledge networks (Unimore) has been adopted by the European Project "WORKPAD" as the basic data model to support context- dependent coordination activities of users. | http://www.workp ad-project.eu |
| 30/09/2007 | Dissemination | M. Mulvenna | Dissemination of Cascadas "Focus on 7" – Issue 103 (September 2007) | http://www.mome ntumni.org/resour ces/library/library downloads/Focus %20on%207%201 ssue%20103.doc |



| Date | Event | Owner | Description | Related Links |
|------------|---|--------------|---|---|
| 05/10/2007 | Informing EC of the 1 st release of the Cascadas tool-kit | A.Manzalini | A. Manzalini send to the Project Officers a File containing the snapshot of the CASCADAS Autonomic Toolkit (Release working and demonstrated at Sophia Antipolis Plenary). The archive contains all source and config files as well as the readme.txt which explains how to start the application. jar file also attached. The toolkit contains also sample application, as a working example. | e-mail on 05/10 |
| 08/10/2007 | Next Plenary meeting | A.Manzalini | Convocation for the next Plenary meeting: 19-20, Turin, at TI | e-mail on 08/10 |
| 08/10/2007 | Cascadas Workshop | A.Manzalini | Announcement of the Cascadas Workshop: 21-22/11, Turin, at TI | e-mail on 08/10 |
| 10/10/2007 | Communication | A.Manzalini | Sending EC A2 forms of TI and SEAT for Contract Amendment | mail |
| 10/10/2007 | Dissemination | A.Manzalini | Participation of Cascadas SAC Workshop BIONETICS 2007 - http://www.bionetics.org/ | e-mail on 10/10 |
| 15/10/2007 | Dissemination | A.Manzalini | Antonio organising and charing the Workshop on INnovative SERvice Technologies - co-located with Autonomics 2007 (Rome, October, 2007)http://insertech.org/index.shtml. | e-mail on 15/10 |
| 15/10/2007 | Dissemination | A.Manzalini | Submission of the paper "Demonstrating communication services based on autonomic self- organization" for International Conference on Complex, Intelligent and Software Intensive Systems (CISIS-2008) - Barcelona, March 08 | e-mail on 15/10 |
| 24/10/2007 | WP1 audio-call | Rico Kusber | Minutes of WP1 audio-call | https://152.66.87. 177/repositories/c ascadas/trunk/wp 1/meetings/20071 205_phone_confe rence/ |
| 05/11/2007 | Contract Amendment | A. Manzalini | Sending to the Project Officer the proposal of new DoW for Contract Amendment | e-mail on 5 th November |
| 12/11/2007 | Dissemination at Bionetics2007 | A. Manzalini | Presentation at the Industry Track | Available on repository |
| 12/11/2007 | Dissemination at SAC workshop (Bionetics2007) | A. Manzalini | Presentation of Cascadas main goals and achievements | Available on repository |
| 12/11/2007 | Dissemination at SAC workshop (Bionetics2007) | S. Haseloff | Demonstration of the Cascadas tool- kit | |



| Date | Event | Owner | Description | Related Links |
|-----------------|---|-----------------------|--|---|
| 12/11/2007 | Dissemination at SAC workshop (Bionetics2007) | P. Deussen | Demonstration of the pervasive supervision capabilities of the Cascadas tool-kit | |
| 13/11/2007 | WP1 audio-call | Rico Kusber | Minutes of WP1 audio-call | https://152.66.87. 177/repositories/c ascadas/trunk/wp 1/meetings/20071 205 phone confe rence/ |
| 14/11/2007 | Autonomic Communication Forum meeting | A. Manzalini | Participation and contributions for the meeting in Berlin (Fokus) Dissemination of Cascadas | |
| 19-20/11/2007 | Plenary meeting | A. Manzalini | Plenary meeting in Turin, at TI | Agenda on repository |
| 21-22/11/2007 | Cascadas Workshop | A. Manzalini | Cascadas Workshop in Turin, at TI (80 people joined from Industry, Academia in EU, US and Japan) | Presentations available at <u>https://cascadas.</u> <u>mik.bme.hu/repos</u> <u>itories/cascadas/tr</u> <u>unk/Meetings/T1%</u> <u>20Workshop%20</u> <u>2007/</u> |
| 22/11/2007 (pm) | TI-NTT meeting | A. Manzalini | Presentation of TI activities on networking and service platforms evolutions for Future Internet. Dissemination of activities developed | |
| | | | in Cascadas | |
| 23/11/2007 | Preparation of Review documentation | A. Manzalini | Request of contributions to Partners | e-mail |
| 30/11/2007 | Preparation of Review documentation | A. Manzalini | Request of contributions on Draft Planning 2008 to WP Leaders and Partners | e-mail |
| 05/12/2007 | Contract Amendment | EC Project Officer | EC approval of Contract Amendment | e-mail on 5 th December |
| 5/12/2007 | WP1 audio-call | Rico Kusber | Minutes of WP1 audio-call | https://152.66.87. 177/repositories/c ascadas/trunk/wp 1/meetings/20071 205 phone confe rence/ |
| 10/12/2007 | WP4 audio-call | Roberto Cascella | Minutes of WP4 audio-call | e-mail |
| 18/12/2007 | Open Wiki Page | A. Manzalini | Follow-up of the Cascadas Workshop in Turin, at TI: set-up of a wiki-page for writing a white-paper with all Participants | http://cascadas- project.org/dokuw iki/doku.php?id=c ascadas_wiki_pa ge |



| Date | Event | Owner | Description | Related Links |
|-----------------|--|--------------|---|---------------|
| 18/11/2007 (pm) | TI - University Tor Vergata (Rome) audio-call | A. Manzalini | Presentation of TI activities on networking and service platforms evolutions for Future Internet. Dissemination of activities developed in Cascadas | |
| 19/10/2007 | Delivery of IVth Quarterly Report | A. Manzalini | Released to EC the IVth Quarterly Report | e-mail |
| 19/10/2007 | Delivery of Project Log (D0.5) | A. Manzalini | Released to EC a new version of D0.5 | e-mail |