Deliverable D6.5

Project Dissemination Support materials – 2nd Report

Document details:

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1.0	26/01/18	Panayiotis Christodoulou	Initial document, structure and content
2.0	05/02/18	Andreas Andreou	First and final review

Contents

1. Introduction

1.1 Purpose

This document provides information regarding the dissemination activites such as project leaflets, invitations, brochures, electronic articles etc.

This deliverable is part of Work Package 6 (WP6) that presents how the work conducted in this project will be published and shared with the larger community of cloud computing; sections of the society that can benefit from this project are also identified. WP6 also produces regular reports for dissemination and exploitation, develops a web presence so that the public and relevant stakeholders can be informed about the project objectives, results, events, workshops and summer schools.

1.2 Definitions, Acronyms, and Abbreviations

CUT: Cyprus University of Technology

UvT: University of Tilburg

POLIMI: Politecnico di Milano

1.3 Overview

The rest of the document is structured as follows: Section 2 presents the leaflets produced for the project, while section 3 outlines the invitations created for the mini-schools and the stakeholders event. Section 4 presents the posters/banners created in the project, section 5 describes press releases on various informative sources, and, finally, section 6 concludes the document.

2. Leaflets

NEWSLETTER :

FIRST YEAR RESULTS

http://www.dossier-cloud.eu

Project

DOSSIER-Cloud is a 3–year project that proposes a series of coordination and support actions for promoting research in the area of Software Engineering for Distributed Systems development. It brings together two internationally recognized scientific groups from the Netherlands (University of Tilburg UvT) and Italy (Politecnico di Milano POLIMI) that collaborate with Cyprus University of Technology (CUT).

Aim

The aim of DOSSIER-Cloud is to facilitate transfer of scientific knowledge and expertise, as well as of best research practices from UvT and POLIMI to CUT and ultimately strengthen the research and scientific profile of the partners in the relevant area.

First Year Overview

The main activities of DOSSIER-Cloud during the first year of execution involved a series of site visits to the premises of POLIMI and UvT, the participation of members of CUT to a summer-school on… held in Crete, and the organization of two scientific and educational events, the first was a closed workshop in Milan and the second one a summer school in Cyprus. During the aforementioned activities a sufficient and concrete body of knowledge on subjects relevant to DevOps and Cloud Computing was acquired, while participants from the three universities had the opportunity to discuss novel research ideas and agree on writing new proposals for attracting further EU funding.
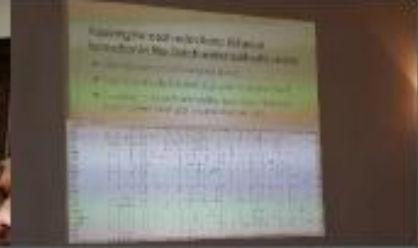
Politecnico Milano first series of site visits

18th February – 12th March 2016

During the first series of site visits, members from the CUT group attended a number of presentations given by the POLIMI group related to software development and deployment for distributed applications. In particular, the main subject of these presentations was to deal with self-adaptation of cloud applications, formalization and identification in cloud-workload specifications, software verification and analysis of incomplete models designed in software development.

University of Tilburg first series of site visits

1st June – 5th July 2016

Members from the CUT group participated in the first series of site visits at UvT. During the visit several lectures were given regrading new software processes for developing and operating distributed software applications, DevOps principles and workflows, collaboration and communication, leadership and people risk in DevOps teams.

1ˢᵗ mini-school in Cyprus

15ᵗʰ – 17ᵗʰ September 2016

The 1ˢᵗ mini-school on Cloud Computing and Software Services was organized in mid-September and included a project meeting, lectures from senior researchers from POLIMI, a stakeholders' meeting and a workshop. In the project meeting, members from all project partners discussed the project progress and organised the upcoming steps of the project (CUT and POLIMI with physical presence, UvT through teleconferencing). Researchers, undergraduate and postgraduate students, and academic staff of CUT attended the four lectures held by the POLIMI. During the stakeholders' meeting and workshop, the DOSSIER-cloud project was presented to various representatives from software development companies. The purpose of the workshop was to discuss and identify ways to involve the companies in the project.

2ⁿᵈ mini-school in Cyprus

12ᵗʰ – 14ᵗʰ October 2016

The 2ⁿᵈ mini-school on Cloud Computing and Software Services took place in mid-October and included lectures from senior researchers from UvT and a project meeting between the two partners. These lectures were attended by undergraduate and postgraduate students, as well academic staff from CUT. During the project meeting members from all project partners discussed the project's progress, future steps and deliverables.

Consortium

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<u>Dissemination Leaflet</u>

Project

DOSSIER-Cloud is a 3–year project that proposes a series of coordination and support actions for promoting research in the area of Software Engineering for Distributed Systems development. It brings together two internationally recognized scientific groups from the Netherlands (University of Tilburg UvT) and Italy (Politecnico di Milano POLIMI) that collaborate with Cyprus University of Technology (CUT).

Aim

The aim of DOSSIER-Cloud is to facilitate transfer of scientific knowledge and expertise, as well as of best research practices from UvT and POLIMI to CUT and ultimately strengthen the research and scientific profile of the partners in the relevant area.

Activities

A series of actions and activities were organized and performed aiming to transfer the scientific knowledge to CUT members in the area of DevOps oriented software engineering:

First of all, CUT members participated in a number of site visits in Milan, where researches from POLIMI delivered lectures related to software development and deployment for distributed applications. The site visits in POLIMI were concluded with a workshop, during which members of all project partners came forward with a deeper discussion on topics that needed to be studied further in order to be exploited according to the project's objectives.

A new series of site visits in the Netherlands followed. Researches from CUT attended various lectures given by UvT members that included DevOps principles and workflows, and were focused on applied techniques and methodologies. The topics mentioned during the UvT visits were summarized and presented in a workshop that followed. Project partners examined research opportunities and applications, and discussed possible collaborations and focus of effort for submitting joint proposals to H2020 calls in order to attract further funding.

Two mini-schools on Cloud Computing and Software Services were organized in Cyprus at the CUT's premises. The schools included project meetings, lectures by senior researches from POLIMI and UvT, a stakeholders meeting and a workshop.

During the 1st mini-school researchers from POLIMI delivered lectures to audiences consisted of undergraduate and graduate students at the dept. of Computer engineering and Informatics of CUT, as well as members of the academic staff. Throughout the stakeholders' meeting and workshop, the DOSSIER-cloud project was presented to various representatives from the Cypriot market industry, and the public sector.

The activities of 1st year were completed with the 2nd mini-school which followed the same structure and organization with the 1st mini-school. During the 2nd mini-school senior researchers and academics from UvT delivered talks on relevant topics of the project and discussed with CUT's undergraduate and graduate students issues related to distributed systems, service oriented computing, Internet of Things and smart processing.

Outcomes and Research

The series of site visits and the activities performed for sharing of knowledge between the participating universities during the first year of the project enabled the identification of several research challenges and subjects :

- **Social Software Engineering**

  - Modeling and analysis of the organizational and social structures of teams aiming at investigating their impact on the software process for Cloud services

  - Improvement of teams' organizational and social structure targeting at optimizing the software process by decreasing waste (time, effort, code)

  - Definition and analysis of the optimal organizational structure for DevOps strategies that results in a framework/guideline for better organizational configuration setups

- **Cloud Pricing**

  - Development of solutions for optimizing pricing policies

  - Focus on supporting cloud providers to offer an attractive pricing scheme to their customers targeting to maximize their profit, while at the same time taking into account their services cost and market competition

- **Cloud Resource Management**

  - Proposition of a dedicated group of services that support resource management on the Cloud (workload prediction, dynamic provisioning, automatic resource management)

  - Utilization of CI/AI techniques to address Cloud optimization problems

- **Self Adaptive Systems for the Cloud**

  - Evolve MAPE (Monitor-Analyze-Planning-Execute) control loops to deal with complex scenarios of Cloud services and/or resource management by replacing conventional techniques (e.g. control theory) with Computational Intelligence / Artificial Intelligence models

Small groups with specific research focus have been formed to examine each of the aforementioned challenges and start investigating the relevant subjects in more depth targeting at producing high quality and publishable research outcomes.

Outcomes and EU Funding

The collaboration and brainstorming between the teams of the participating universities during the series of site visits performed in the first year of the project facilitated the production of a new proposal for funding under the Horizaon2020 framework, and more specifically in the pillar Spreading Excellence and Widening Participation, which is closely related to the Dossier Cloud project.

The new project is called ARTEMIS and it was submitted to the WIDESPREAD-04-2017: Teaming Phase 1 call. The consortium consists of the three partners in Dossier Cloud and additionally the Laboratoire d'InfoRmatique en Image et Systèmes d'information / CNRS from Framnce, the Fraunhofer Institute for Industrial Engineering from Germany, and the Cyprus Chamber of Commerce and Industry.

Proposal Abstract

The SmARt DaTa and SystEMs of Deep InSight for Sustainable Development (ARTEMIS) consortium will provide a unique, invaluable contribution to the pursuit of excellence in Cyprus' research and innovation system. It will establish an outward looking Centre of Excellence by launching a high concentration of outstanding cutting-edge research in the fast-growing area of Smart Data, Services & Applications that is vital for Cyprus' and Europe's competitiveness.

ARTEMIS boasts an impressive partnership of 4 leading European research institutions that together with Cyprus Univ. of Technology will conduct ground-breaking research and push the frontiers of knowledge in Smart Data by converting raw data into valuable insights leading to smarter decisions, increased automation, performance improvement and substantial cost savings.

The ARTEMIS business plan will ensure that it will deliver new discoveries that are crucial to Cyprus and the region's knowledge base and innovative capacity, creating the scientific breakthroughs essential to propel an agglomeration of high-tech industrial activity and attract funding. ARTEMIS will be properly embedded with the regional and national structures of Cyprus and become part of its "innovation system" by targeting squarely its Smart Specialization Strategy.

Research in ARTEMIS will be embedded in priority sectorial specialization areas such as tourism, healthcare, shipping and food industry for sustainable development to generate broader social and economic benefits. This is expected to attract international collaborations and top talent and lead to successful partnerships with government and local industry encouraging greater investment and job creation.

ARTEMIS targets at progressively becoming financially autonomous by following a well-defined, realistic business plan comprising analysis of the potential markets, financial planning of the Centre and market strategy for the introduction of the products and services it will deliver.

Consortium

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3.   Invitations

2nd Stakeholders Meeting and Workshop on Cloud Computing, Software Services and Smart Data Processing, in the context of the Dossier-Cloud project

The Department of Electrical Engineering, Computer Engineering and Informatics of the Cyprus University of Technology, and the consortium of the EU-funded projectDossier-Cloud(HORIZON-2020) cordially invite you to attend the 2ndStakeholders Meeting and Workshop on Cloud Computing, Software Services and Smart Data Processing. This event will introduce the benefits that smart data processing offers to different business sectors and discuss opportunities for collaboration with the interested stakeholders.

Wednesday May 17th 2017

Amphitheater Pefkios Georgiades, Andreas ThemistocleousBuilding, Cyprus University of Techonology, Limassol

DOSSIER-Cloud
DevOpS-based Software
engIneERing for the cloud

HORIZON 2020

Πρόσκληση

2η Συνάντηση Συνεργατών – Εργαστήρι Χρηστών στο Υπολογιστικό Νέφος, τις Υπηρεσίες Λογισμικού και την Ευφυή Επεξεργασία Δεδομένων, στα πλαίσια του έργου Dossier-Cloud

Τετάρτη 17 Μαΐου 2017

Αμφιθέατρο Πεύκιος Γεωργιάδης,
Κτήριο Ανδρέας Θεμιστοκλέους,
Τεχνολογικό Πανεπιστήμιο Κύπρου,
Λεμεσός

Το Τμήμα Ηλεκτρολόγων Μηχανικών, Μηχανικών Η/Υ και Πληροφορικής του Τεχνολογικού Πανεπιστημίου Κύπρου, και οι εταίροι του έργου Dossier-Cloud που χρηματοδοτείται από την ΕΕ και το πρόγραμμα HORIZON-2020, σας προσκαλούν στην 2η Συνάντηση Συνεργατών / Εργαστήρι Χρηστών στο Υπολογιστικό Νέφος, τις Υπηρεσίες Λογισμικού και την Ευφυή Επεξεργασία Δεδομένων. Στην ημερίδα αυτή θα παρουσιαστούν τα πλεονεκτήματα που προσφέρει η ευφυής επεξεργασία δεδομένων σε διάφορους επαγγελματικούς τομείς και θα συζητηθούν οι δυνατότητες συνεργασίας με τους ενδιαφερόμενους φορείς και εταιρείες.

Τεχνολογικό
Πανεπιστήμιο
Κύπρου

Πληροφορίες: 25 00 25 33
http://www.dossier-cloud.eu

SEIIS
Software Engineering and Intelligent
Information Systems Research Lab

Invitation

2nd Stakeholders Meeting and Workshop on Cloud Computing, Software Services and Smart Data Processing, in the context of the Dossier-Cloud project

Wednesday May 17th 2017

Amphitheater Pefkios Georgiades, Andreas Themistocleous Building, Cyprus University of Techonology, Limassol

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Cyprus
University of
Technology

Information: 25 00 25 33
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Software Engineering and Intelligent
Information Systems Research Lab

Program

08:30 – 09:00 – Registration

09:00 – 09:15 – Welcoming. The Dossier-Cloud project and its
scientific areas of interest (A.S. Andreou, C. Stylianou)

09:15 – 10:45 – Demystifying Smart Data & Smart Industrial-
Strength Applications: Solving Problems & Creating
Opportunities (M. Papazoglou)

10:45 – 11:15 – Coffee break

11:15 – 11:30 – Smart Services and Data Processing in Practice:
Three Case-study Examples (A. Christoforou)

11:30 – 12:45 – Closing: Opportunities for Collaboration -
Discussion (audience - coordinator A.S. Andreou)

Demystifying Smart Data & Smart Industrial-Strength Applications: Solving Problems & Creating Opportunities

Abstract

Smart Data emphasize the latent value inherent in widely dispersed and unconnected data sources. The decisive criterion here is not necessarily the amount of data available, but smart content techniques that promote not only the collection and accumulation of related data, but also its context, and understanding. This requires discovering associations between the data, prioritizing results, finding useful insights, discovering patterns and trends within the data to reveal a wider picture that is more relevant to the problem in hand and react to them. Smart Industrial-Strength Applications are a new generation of software applications that combine the benefits of smart data and advanced analytics to help organisations manage their resources (including humans), data, processes and systems more efficiently.

Smart Data and Application innovations promise to bring greater speed and efficiency to industries as diverse as smart agriculture, smart cities, smart tourism, and smart health care delivery where they provide meaningful insights to decision makers and help them solve complex problems. They hold the promise of stronger economic growth, better and more job creation and rising living standards.

This talk will focus on the role, characteristics, potential of smart data and applications for diverse domains, and their enabling technologies. To illustrate the potential of smart data and applications, the talk will draw on examples that highlight the interplay of medical and technical aspects of smart healthcare applications. Smart healthcare involves deploying computing, information, service, sensor and visualisation technologies to aid in preventing disease, improving the quality of care and lowering overall cost. The talk will also examine the design and deployment requirements, particularly for point-of-care medical applications, which emerge from the interplay of the actual clinical situation and the novelty of the smart healthcare application.

Short Bio

Michael P. Papazoglou

Prof. dr. ir. Michael P. Papazoglou is a highly acclaimed academic with noteworthy experience in areas of education, research and leadership pertaining to computer science, information systems, industrial engineering and digital manufacturing. He is the executive director of the European Research Institute in Service Science (ERISS) and was the scientific director of the acclaimed Network of Excellence in Software Systems and Services (S-CUBE). Papazoglou is noted as one of the original promulgators of 'service-oriented computing' and is renowned for establishing local 'pockets of research excellence' in service science and engineering in several countries around the world. He is a contributor of pioneering innovations and first-rate science for resolving key scientific problems pertaining to research in software development, software engineering, distributed and cloud computing, large data-scale integration, web services, smart data and applications.

Papazoglou is an author of the most highly cited papers in the area of service engineering and web services worldwide with a record of publishing 23 (authored and edited) books, and over 200 prestigious peer-refereed papers along with over 16,000 citations (H-index factor 52). He is a distinguished/honorary professor with an exemplary teaching and R&D record at 11 universities around the globe. He has delivered over 35 keynote addresses since 2000 and chaired 12 prestigious international conferences. He is a member of several national scientific boards around the world and has extensive experience in forging international links world-wide and leading large scale collaborative research projects involving large numbers of researchers and industry professionals that resulted in the development of cutting edge innovations.

Consortium

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Photos from the 2nd Stakeholders Meeting and Workshop

2nd mini-school Part A' on Cloud Computing, Software Services and Smart Data Processing, in the context of the Dossier-Cloud project

The Department of Electrical Engineering, Computer Engineering and Informatics of the Cyprus University of Technology, and the consortium of the EU-funded project Dossier- Cloud (HORIZON-2020) cordially invite you to attend the 2nd school (Part A') on Cloud Computing, Software Services and Smart Data Processing. During this event renowned professors and researchers from the Politecnico di Milano (POLIMI), Italy, will deliver lectures on topics from the area of Cloud Computing and Software Services.

Wednesday and Friday October 4 and 6, 2017

Networks & Data Science Laboratory (3rd floor, Ttofis Kyriakou building)

DOSSIER-Cloud
DevOp**S**-based **S**oftware
eng**I**ne**ER**ing for the cloud

HORIZON 2020

Πρόσκληση

2° μίνι-σχολείο (Μέρος Α') στο Υπολογιστικό Νέφος, τις Υπηρεσίες Λογισμικού και την Ευφυή Επεξεργασία Δεδομένων, στα πλαίσια του έργου Dossier-Cloud

**Τετάρτη και Παρασκευή,
4 και 6 Οκτωβρίου 201**

**Εργαστήριο Δικτύων και
Επιστήμης Δεδομένων**
(3° όροφος κτίριο Ττοφή Κυριάκου)

Το Τμήμα Ηλεκτρολόγων Μηχανικών, Μηχανικών Η/Υ και Πληροφορικής του Τεχνολογικού Πανεπιστημίου Κύπρου, και οι εταίροι του έργου Dossier-Cloud που χρηματοδοτείται από την ΕΕ και το πρόγραμμα HORIZON2020, σας προσκαλούν στο δεύτερο σχολείο (Μέρος Α') με θέματα γύρω από το Υπολογιστικό Νέφος, τις Υπηρεσίες Λογισμικού και την Ευφυή Επεξεργασία Δεδομένων. Στο σχολείο θα μιλήσουν διακεκριμένοι καθηγητές και ερευνητές από το Πολυτεχνείο του Μιλάνου (Politecnico di Milano -POLIMI). Οι διαλέξεις θα είναι στα Αγγλικά.

Τεχνολογικό
Πανεπιστήμιο
Κύπρου

Πληροφορίες: 25 00 25 33
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SE IS
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30

DOSSIER-Cloud
DevOp**S**-based **S**oftware
eng**I**ne**ER**ing for the cloud

HORIZON 2020

Invitation

2nd mini-school Part A' on **Cloud Computing, Software Services and Smart Data Processing, in the context of the Dossier-Cloud project**

Wednesday and Friday October 4 and 6, 2017

Networks & Data Science Laboratory
(3rd floor, Ttofis Kyriakou building)

The Department of Electrical Engineering, Computer Engineering and Informatics of the Cyprus University of Technology, and the consortium of the EU-funded project Dossier-Cloud (HORIZON-2020) cordially invite you to attend the 2nd school (Part A') on Cloud Computing, Software Services and Smart Data Processing. During this event renowned professors and researchers from the Politecnico di Milano (POLIMI), Italy, will deliver lectures on topics from the area of Cloud Computing and Software Services. The lectures will be in English.

Cyprus
University of
Technology

Information: 25 00 25 33
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Program

**Wednesday,
October 4**

08:30 – 09:00 – Registration

09:00 – 10:30 – Microservices: The first Cloud-native Architecture
(Martin Garriga)

10:30 – 10:45 – Coffee break

10:45 – 12:15 – Serverless Architectures: The (r)evolution of
Cloud Resource Management
(Martin Garriga)

18:00 – 19:30 – Cloud and Big Data Architectural Styles
(Damian Andrew Tamburri)

19:30 – 19:45 – Coffee break

19:45 – 21:15 – DevOps and Continuous Architecting
(Damian Andrew Tamburri)

**Friday,
October 6**

09:00 – 10:30 – Towards the automated management of
microservices – PART I
(Luciano Baresi)

10:30 – 10:45 – Coffee break

10:45 – 12:15 – Towards the automated management of
microservices – PART II
(Luciano Baresi)

Short Bio

Martin Garriga

Martin Garriga received his PhD. degree in Computer Sciences in 2016 at Faculty of Exact Sciences, National University of Central Buenos Aires (UNICEN), Argentina. He is a posdoctoral fellow at DEIB: Department of Electronic, Information and Bioengineering, Politecnico de Milano (Italy) since 2016, and Assistant Professor at Informatics Faculty, National University of Comahue (UNComa), Patagonia, Argentina since 2015. He is also Researcher from the National Scientific and Technical Research Council (CONICET), Argentina since 2017. His research interests are Service-oriented Architectures, Web Service selection and composition, RESTful Services, and more recently Microservices and Serverless Architectures.

Damian Andrew Tamburri

Damian is a Research Fellow at Politecnico di Milano, Italy. Damian completed his Ph.D. at VU University Amsterdam, The Netherlands in March 2014 one year ahead of contract. Though still in his very early career, he has published over 50+ papers in either Journals such as the Transactions on Software Engineering (TSE) Journal, The ACM Computing Surveys (CSUR) Journal, the IEEE Software Magazine or top software engineering conferences (such as ICSE or FSE) and top software architecture conferences (such as ECSA or WICSA) reaching in less than four years an H-Index of 11 for a total 370 citations to his work. In addition, as part of his quick career, he is now IEEE Software editorial board member, Voting member of the TOSCA TC as well as secretary of the IFIP TC2, TC6, and TC8 WG on "Service-Oriented Computing". His current research interests lie mainly in advanced software architecture styles (e.g., SOA, Big-Data, etc.), advanced software architecting methods (e.g., MDA, continuous architecting and DevOps), and social software engineering (Socio-technical congruence, Measuring Social Debt, etc.). Contact him at damianandrew.tamburri@polimi.it or dtamburri@acm.org.

Short Bio

Luciano Baresi

Luciano Baresi is a full professor at the Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria, where he earned both his laurea (master) degree and PhD in computer science. Luciano was visiting professor at University of Oregon (USA) and visiting researcher at University of Paderborn (Germany).

Luciano was program chair for ICECCS02, FASE06, ICWE07, ICSOC09, SEAMS12 and ESEC/FSE13, and general chair for WICSA/CompArch16. Luciano is member of the editorial board of ACM Transactions on Autonomous and Adaptive Systems, IEEE Transactions on Software Engineering, and of IEEE Transactions on Service Computing.

Luciano has co-authored more than 130 papers. Some of his works appeared on top-level journals/magazines like ACM Transactions on Software Engineering and Methodology, IEEE Transactions on Software Engineering, IEEE Computer, IEEE Software, and IEEE Internet Computing. He is also co-author of a book in Italian. Currently his work has been cited some 6500 times and his h-index is 40 (source Google Scholar). Luciano was awarded two CNR short-term mobility grants, an IBM Shared University Research award and an IBM Faculty award.

His research interests are in the broad area of software engineering. At the beginning he was interested in formal approaches for modeling and specification languages, he then moved to UML and the design of Web applications. Currently, he is interested in distributed systems, service-based applications and in the different aspects of mobile, self-adaptive, and pervasive software systems. His research has always been funded by participating in national and international projects. Among these, Luciano was responsible of the activities at Politecnico for the following EU-supported projects: MOMOCS, SLA@SOI, MADES, and Indenica.

Consortium

Cyprus University of Technology

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Photos from the 2nd mini-school Part A' on Cloud Computing, Software Services and Smart Data Processing

2nd mini-school Part B' on Cloud Computing, Software Services and Smart Data Processing, in the context of the Dossier-Cloud project

The Department of Electrical Engineering, Computer Engineering and Informatics of the Cyprus University of Technology, and the consortium of the EU-funded project Dossier- Cloud (HORIZON-2020) cordially invite you to attend the 2nd school (Part B') on Cloud Computing, Software Services and Smart Data Processing. During this event renowned professors and researchers from Tilburg University, The Netherlands, will deliver lectures on topics from the area of Cloud Computing and Software Services.

Thursday and Friday October 26 and 27, 2017

Networks & Data Science Laboratory (3rd floor, Ttofis Kyriakou building)

Πρόσκληση

2° μίνι-σχολείο - Μέρος Β' στο Υπολογιστικό Νέφος, τις Υπηρεσίες Λογισμικού και την Ευφυή Επεξεργασία Δεδομένων, στα πλαίσια του έργου Dossier-Cloud

Πέμπτη και Παρασκευή,
26 και 27 Οκτωβρίου 2017

Εργαστήριο Δικτύων και Επιστήμης Δεδομένων
(3° όροφος κτίριο Ττοφή Κυριάκου)

Το Τμήμα Ηλεκτρολόγων Μηχανικών, Μηχανικών Η/Υ και Πληροφορικής του Τεχνολογικού Πανεπιστημίου Κύπρου, και οι εταίροι του έργου Dossier-Cloud που χρηματοδοτείται από την ΕΕ και το πρόγραμμα HORIZON2020, σας προσκαλούν στο δεύτερο σχολείο (Μέρος Β') με θέματα γύρω από το Υπολογιστικό Νέφος, τις Υπηρεσίες Λογισμικού και την Ευφυή Επεξεργασία Δεδομένων. Στο σχολείο θα μιλήσουν διακεκριμένοι καθηγητές και ερευνητές από το Πανεπιστήμιο του Tilburg. Οι διαλέξεις θα είναι στα Αγγλικά.

Τεχνολογικό Πανεπιστήμιο Κύπρου

Πληροφορίες: 25 00 25 33
http://www.dossier-cloud.eu

SEBIS
Software Engineering and Intelligent Information Systems Research Lab

Invitation

2nd mini-school - Part B' on Cloud Computing, Software Services and Smart Data Processing, in the context of the Dossier-Cloud project

Thursday and Friday October 26 and 27, 2017

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(3rd floor, Ttofis Kyriakou building)

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Cyprus University of Technology

Information: 25 00 25 33
http://www.dossier-cloud.eu

SE I S
Software Engineering and Intelligent Information Systems Research Lab

Program

**Thursday,
October 26**

08:30 — 09:00 – Registration

09:00 — 10:30 – Data engineering
(Indika Priyantha)

10:30 — 11:00 – Coffee Break

11:00 — 12:00 – Project management   meeting

**Friday,
October 27**

08:30 — 09:00 – Registration

09:00 — 10:30 – (Smart) service networks
(Indika Priyantha)

10:30 — 11:00 – Coffee break

11:00 — 13:00 – Followup meetings
(Indika Priyantha)

Short Bio

Indika Priyantha

He is a post-doctoral researcher at Tilburg University and Jheronimus Academy of Data Science (Netherlands). I was also a researcher at Swinburne University of Technology, Australia. He received his PhD from Swinburne University of Technology, Australia in 2016, and his BSc and MSc in Computer Science and Engineering from University of Moratuwa, Sri Lanka in 2006 and 2010. He is a committer and project committee member at Apache Software Foundation. He was a software engineer at WSO2 (an open source middleware company) from 2006 to 2011. His current research interests include cloud service engineering, smart service networks, IoT, software product lines, data engineering, and adaptive software systems.

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Photos from the 2nd mini-school Part B' on Cloud Computing, Software Services and Smart Data Processing

Workshop on Cloud Computing, Software Services and Smart Data Processing, in the context of the Dossier- Cloud project

The Department of Electrical Engineering, Computer Engineering and Informatics of the Cyprus University of Technology, and the consortium of the EU-funded project Dossier- Cloud (HORIZON-2020) cordially invite you to attend the Workshop on Cloud Computing, Software Services and Smart Data Processing. During this event renowned professors and researchers from the Politecnico di Milano (POLIMI), Italy, and the University of Tilburg, The Netherlands, will deliver lectures on topics from the area of Cloud Computing and Software Services.

Monday and Tuesday October 30 and 31, 2017

Networks & Data Science Laboratory (3rd floor, Ttofis Kyriakou building)

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Πρόσκληση

**Εργαστήρι Χρηστών στο
Υπολογιστικό Νέφος, τις
Υπηρεσίες Λογισμικού και την
Ευφυή Επεξεργασία
Δεδομένων, στα πλαίσια του
έργου Dossier-Cloud**

Δευτέρα και Τρίτη,
30 και 31 Οκτωβρίου 2017

Εργαστήριο Δικτύων και
Επιστήμης Δεδομένων
(3ο όροφος κτίριο Ττοφή Κυριάκου)

Το Τμήμα Ηλεκτρολόγων Μηχανικών, Μηχανικών Η/Υ και Πληροφορικής του Τεχνολογικού Πανεπιστημίου Κύπρου, και οι εταίροι του έργου Dossier-Cloud που χρηματοδοτείται από την ΕΕ και το πρόγραμμα HORIZON2020, σας προσκαλούν στο Εργαστήρι Χρηστών με θέματα γύρω από το Υπολογιστικό Νέφος, τις Υπηρεσίες Λογισμικού και την Ευφυή Επεξεργασία Δεδομένων. Στο σχολείο θα μιλήσουν διακεκριμένοι καθηγητές και ερευνητές από το Πολυτεχνείο του Μιλάνου και του Πανεπιστημίου του Tilburg. Οι διαλέξεις θα είναι στα Αγγλικά.

Τεχνολογικό
Πανεπιστήμιο
Κύπρου

Πληροφορίες: 25 00 25 33
http://www.dossier-cloud.eu

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Invitation

Workshop on Cloud Computing, Software Services and Smart Data Processing, in the context of the Dossier-Cloud project

Monday and Tuesday October 30 and 31, 2017

Networks & Data Science Laboratory
(3rd floor, Tiofis Kyriakou building)

Cyprus University of Technology

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Information: 25 00 25 33
http://www.dossier-cloud.eu

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Program

**Monday,
October 30**

09:30 – 10:00 – Registration

10:00 – 11:00 – Fast and fine-grained resource provisioning for modern software system
(Giovanni Quattrocchi)

11:00 – 11:15 – Coffee break

11:15 – 12:15 – Microservices are not just tiny services
(Luciano Baresi)

12:15 – 13:15 – Project management meeting

13:15 – 15:00 – Lunch

15:00 – 17:00 – Research follow-up meetings

**Tuesday,
October 31**

09:30 – 10:00 – Registration

10:00 – 11:00 – Smart Connected Digital Factories: Unleashing the Power of Industry 4.0 and the Industrial Internet
(Mike Papazoglou)

11:00 – 11:15 – Coffee break

11:15 – 12:15 – The Manufacturing Blueprint Environment: Bringing Intelligence into Manufacturing
(Mike Papazoglou)

12:15 – 15:00 – Lunch

15:00 – 17:00 – Research follow-up meetings

Short Bio

Mike Papazoglou

Prof. dr. ir. Michael P. Papazoglou is a highly acclaimed academic with noteworthy experience in areas of education, research and leadership pertaining to computer science, information systems, industrial engineering and digital manufacturing. He is the executive director of the European Research Institute in Service Science (ERISS) and was the scientific director of the acclaimed Network of Excellence in Software Systems and Services (S-CUBE). Papazoglou is noted as one of the original promulgators of 'service-oriented computing' and is renowned for establishing local 'pockets of research excellence' in service science and engineering in several countries around the world. He is a contributor of pioneering innovations and first-rate science for resolving key scientific problems pertaining to research in software development, software engineering, distributed and cloud computing, large data-scale integration, web services, smart data and applications.

Papazoglou is an author of the most highly cited papers in the area of service engineering and web services worldwide with a record of publishing 23 (authored and edited) books, and over 200 prestigious peer-refereed papers along with over 16,000 citations (H-index factor 52). He is a distinguished/honorary professor with an exemplary teaching and R&D record at 11 universities around the globe. He has delivered over 35 keynote addresses since 2000 and chaired 12 prestigious international conferences.

He is a member of several national scientific boards around the world and has extensive experience in forging international links world-wide and leading large scale collaborative research projects involving large numbers of researchers and industry professionals that resulted in the development of cutting edge innovations.

Short Bio

Luciano Baresi

Luciano Baresi is a full professor at the Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria, where he earned both his laurea (master) degree and PhD in computer science. Luciano was visiting professor at University of Oregon (USA) and visiting researcher at University of Paderborn (Germany).

Luciano was program chair for ICECCS02, FASE06, ICWE07, ICSOC09, SEAMS12 and ESEC/FSE13, and general chair for WICSA/CompArch16. Luciano is member of the editorial board of ACM Transactions on Autonomous and Adaptive Systems, IEEE Transactions on Software Engineering, and of IEEE Transactions on Service Computing.

Luciano has co-authored more than 130 papers. Some of his works appeared on top-level journals/magazines like ACM Transactions on Software Engineering and Methodology, IEEE Transactions on Software Engineering, IEEE Computer, IEEE Software, and IEEE Internet Computing. He is also co-author of a book in Italian. Currently his work has been cited some 6500 times and his h-index is 40 (source Google Scholar). Luciano was awarded two CNR short-term mobility grants, an IBM Shared University Research award and an IBM Faculty award.

His research interests are in the broad area of software engineering. At the beginning he was interested in formal approaches for modeling and specification languages, he then moved to UML and the design of Web applications. Currently, he is interested in distributed systems, service-based applications and in the different aspects of mobile, self-adaptive, and pervasive software systems. His research has always been funded by participating in national and international projects. Among these, Luciano was responsible of the activities at Politecnico for the following EU-supported projects: MOMOCS, SLA@SOI, MADES, and Indenica.

Short Bio

Giovanni Quattrocchi

He obtained his Ph.D from Politecnico di Milano on Multi-level self-adaptive systems for the cloud. During his Ph.D. he was involved in different teaching activities. In 2015 and 2016 he was assistant professor for the master courses "Principle of Programming Languages" and "Design and Implementation of Mobile applications" at Politecnico di Milano. Moreover, in 2015 and 2017 he was assistant professor for the laboratory of the course "Software Engineering (Final Test)" at Politecnico di Milano. Form 2015 to 2017 he taught Java and Mobile Development for industry-related masters (Cefriel, Samsung Academy).

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4. Posters/Banners

5.   Press releases

6.   Meetings

Members of the CUT team held various independent meetings with local stakeholders in Cyprus during which they explained the 1st year results of the project discussing future colalborations. The aim of these meetings was to prepare the ground for setting up collaborations and for investigating problems of mutual interest in the area of cloud computing, services and smart data processing.

The meetings performed were the following :

Date

Stakeholders:

Profile:

Website:

7. Conclusions

This document provided a list of the leaflets, invitations, posters and banners produced in the context of the project during the 2nd reporting period that constitute its supporting dissemination material. It also presentsed press releaseses on academic websites and newspapers informing the general public about the mission, targets and results thus far of the DOSSIER-Cloud and, finally, provided a list of meetings with local stakeholders.