



FP7-ICT-2009-4-248613

DIAMOND

Diagnosis, Error Modelling and Correction for Reliable Systems Design

Instrument: Collaborative Project

Thematic Priority: Information and Communication Technologies



DIAMOND Dissemination Report (Deliverable D5.6)

Due date of deliverable: December 31, 2012

Actual submission date: January 28, 2013

Start date of project: January 1, 2010

Duration: Three years

Organisation name of lead contractor for this deliverable: Tallinn University of Technology

Revision 1.0

Project co-funded by the European Commission within the Seventh Framework Programme (2010-2012)		
Dissemination Level		
PU	Public	<input checked="" type="checkbox"/>
PP	Restricted to other programme participants (including the Commission Services)	<input type="checkbox"/>
RE	Restricted to a group specified by the consortium (including the Commission Services)	<input type="checkbox"/>
CO	Confidential, only for members of the consortium (including the Commission Services)	<input type="checkbox"/>

Notices

For information, please contact Dr. Jaan Raik, e-mail: jaan@pld.ttu.ee

This document is intended to fulfil the contractual obligations of the DIAMOND project concerning deliverable D5.6 described in contract 248613.

© Copyright DIAMOND 2013. All rights reserved.

Table of Revisions

Version	Date	Description and reason	Author	Affected sections
1.0	January 28, 2013	Contents created	J. Raik	All

Author, Beneficiary

Jaan Raik, Tallinna Tehnikaülikool

Executive Summary

The document presents an overview of the DIAMOND dissemination. It lists the press releases, dissemination workshops, web pages, advertising materials, promotional video and project presentations that have been created throughout the project period.

List of Abbreviations

EU	- European Union
FP7	- European Union's 7 th Framework Programme
IST	- Information Society Technologies
URL	- Uniform Resource Locator

Table of Contents

Table of Revisions	iii
Author, Beneficiary.....	iii
Executive Summary	iii
List of Abbreviations	iv
Table of Contents.....	iv
1 Introduction.....	2
2 DIAMOND Press Releases.....	3
3 DIAMOND Presentations.....	6
4 DIAMOND Dissemination Workshops.....	7
5 DIAMOND Website	8
6 DIAMOND Poster, Flyer and Promotional Video	9

1 Introduction

This deliverable provides an overview of dissemination a European Union's 7th Framework Programme's collaborative research project FP7-2009-ICT-4-248613 DIAMOND - Diagnosis, Error Modelling and Correction for Reliable Systems Design. It lists the press releases, dissemination workshops, web pages, advertising materials, promotional video and project presentations that have been created throughout the project period.

2 DIAMOND Press Releases

Several press releases about the DIAMOND project have been published in the international and national media. This includes international professional and general purpose news portals and magazines, European Union news channels, as well as national forums and newspapers. The DIAMOND press releases and news articles have been written in, or translated to 10 different languages. The press releases are also downloadable from the DIAMOND web-site <http://fp7-diamond.eu> under the link "Press Coverage".

The list of press releases:

International Press

- Processor, Volume 32 Number 06, March 12, 2010, IBM-Led Diamond Consortium Looks To Improve Chip Reliability
- IT Jungle Article, February 22, 2010, IBM and Partners to Push Chip Tech Down, and Costs, Too
- CNN Money, February 11, 2010, IBM Research and European Union Aim to Greatly Improve Chip Design Time, Cost and Reliability
- EETimes, February 11, 2010, IBM joins EU R&D project to slash chip design time
- PR Newswire, February 11, 2010, IBM Research and European Union Aim to Greatly Improve Chip Design Time, Cost and Reliability
- USA Today, January 21, 2010, DIAMOND Project to Provide Integrated Diagnosis and Correction for Spec, Design and Soft Errors
- Design&Reuse Headlines, January 21, 2010
- Design&Reuse, January 21, 2010, DIAMOND Project to Provide Integrated Diagnosis and Correction for Spec, Design and Soft Errors

European Union (different languages)

- CORDIS, January 27, 2010, The DIAMOND project - a semiconductor's best friend?
- Fenêtre sur l'Europe, February 3, 2010, Entreprises : Le projet DIAMOND, le meilleur ami des semi-conducteurs? (In French)
- CORDIS, January 27, 2010, Das DIAMOND-Projekt - des Halbleiters best friend? (In German)

- CORDIS, January 27, 2010, Localización y diagnóstico de errores en semiconductores y dispositivos electrónicos (In Spanish)
- CORDIS, January 27, 2010, Progetto DIAMOND: il migliore amico dei semiconduttori? (In Italian)
- CORDIS, January 27, 2010, Projekt DIAMOND - najlepszy przyjaciel półprzewodnika? (In Polish)

German and Austrian media

- Heise.de, February 12, 2010, Forschungsprojekt zu fehlerfreiem Chip-Design
- ORF Steiermark, February 16, 2010, Forschung für fehlerfreie Chips
- IDW-online, January 26, 2010, Europaweit dem Fehler auf der Spur: EU-Projekt "DIAMOND" gestartet
- Silicon.de, January 15, 2010, Computer-Chips: Dem Fehler auf der Spur
- Innovations Report, January 14, 2010, Computer-Chips: Europaweit dem Fehler auf der Spur

Israeli media

- BubbleTech Israel, February 14, 2010, IBM Haifa Research Lab: A Leading European Project to Improve Computer Chip Design and Reliability (In Hebrew)
- www.talniri.co.il, February 14, 2010, יבמ חיפה משיקה פרוייקט לשיפור ייצור שבבי מחשב
- www.pc.co.il, February 14, 2010, מעבדת יבמ בחיפה השיקה פרויקט לשיפור תהליכי התכנון, העלויות והאמינות של שבבי מחשב

Estonian media

- Postimees Daily, July 28, 2009, Tehnikaülikooli teadurid teevad mikrokiipide vallas ajalugu (In Estonian)
- Horisont Journal, January 27, 2010, Uue põlvkonna veakindlad kiibid TTÜ-st (In Estonian)
- Delfi News Portal, September 7, 2009, Tehnikaülikool arendab veakindlate kiipide tehnoloogiat (In Estonian)
- Postimees.ru, July 28, 2009, Ученые ТТУ творят историю в производстве микрочипов (In Russian)
- Novosti Estonii, September 7, 2009, Доктор Чип получит диплом ТТУ (In Russian)

Sweden

- Linköping University, February 16, 2010, Ny teknik hittar automatiskt fel i datasystem (In Swedish)

Indian media

- SOA World Magazine, February 11, 2010, IBM Research and European Union Aim to Greatly Improve Chip Design Time, Cost and Reliability
- IT News Online, February 11, 2010, IBM Research and European Union Aim to Greatly Improve Chip Design Time, Cost and Reliability

Australia

- International Business Times, February 17, 2010, IBM Research to partner with European Union

3 DIAMOND Presentations

DIAMOND project has been presented in several conferences, fairs and forums. In the following, the most important presentation events are listed:

European Nanoelectronics Forum 2012

DIAMOND project was presented at the European Nanoelectronics Forum 2012 on November 20-21 in Munich, Germany.

HiPEAC Computing Systems Week 2012

October 14, 2012, Ghent, Belgium. DIAMOND project was presented as an invited talk „The intertwinding challenges of reliability, test and verification" at the HiPEAC Computing Systems Week.

European Test Symposium 2012

An invited talk “FP7 collaborative research project DIAMOND: Diagnosis, error modeling and correction for reliable systems design” was presented at the special session of European projects at the IEEE European Test Symposium in Annecy, France.

DATE Exhibition 2012

The new open source FoREnSiC (Formal Repair Environment for Simple C) system created by the DIAMOND consortium was successfully presented at the exhibition of the Design Automation and Test in Europe (DATE) conference in Dresden, March 12-16, 2012. The demonstration was held by Robert Könighofer (TU Graz) and Alexander Finder (University of Bremen).

House of European Union, Tallinn

Monday, July 19th, 2010, Tallinn, Estonia. House of European Union. DIAMOND project was presented at a workshop organized by the Archimedes Foundation as an example of a successfully co-ordinated Framework project from the country.

DATE Conference & Exhibition 2010

DIAMOND was featured at the Design, Automation & Test in Europe event in Dresden, Germany from 8-12 March 2010. The project was exhibited at the *European Project Booth*.

4 DIAMOND Dissemination Workshops

Two DIAMOND dissemination workshops in form of tutorials were held throughout the project:

- On April 19, 2012, parallel DIAMOND tutorial sessions were held at the 15th IEEE DDECS Symposium, which was attended by 112 visitors from more than 30 countries. The tutorials included two presentations describing the emerging technologies and methods developed by the DIAMOND project consortium:
Automated Synthesis and Design-Error Repair of Systems.
Georg Hofferek (Graz University of Technology, Austria)
Fault management in an IEEE P1687 (IJTAG) environment.
Erik Larsson (Lund University, Sweden) and Konstantin Šibin (Testonica Lab, Estonia)
- March 17, 2011, Grenoble, France DIAMOND tutorial held in conjunction with the DATE conference presented the latest research results on design error debug and reliable computing. The tutorial attracted 27 participants.
At the tutorial, latest results in design error debug and reliable systems research were presented by speakers from academia and companies including IBM and Ericsson. The topics included automated debugging, template-based system level repair, soft error resilient design techniques and graceful degradation for telecommunication SoCs.

More detailed information about the Dissemination Workshops is provided in DIAMOND Deliverable D5.4 “Dissemination Workshop”.

5 DIAMOND Website

The Diamond web site for the European Union's 7th Framework Programme's collaborative research project FP7-2009-IST-4-248613 DIAMOND - Diagnosis, Error Modelling and Correction for Reliable Systems Design has been created under the URL: <http://fp7-diamond.eu/>

The Diamond web site contains the following areas to present information to visitors:

- Project logo and title area – The area presents the project logo on the left, the name DIAMOND and its full title, with a reference to the EU's 7th IST Collaborative Project funding instrument. Clicking on this area directs the user to the home location of the web site at URL: <http://fp7-diamond.eu/>.
- Banner area – A randomly changing set of banners, depicting Diamond's area of research and competence.
- Additional banner area – additional references to partners/supporters/...
- Menu area – Structured menu enabling access to web site content
- News and news archive area – Area displaying headlines of active news and a link to the previous news archive.
- Content area title – Area to display content page title.
- Main content area.

Also, the DIAMOND web site is equipped with a `favicon.ico` icon for easy and visual web site recognition in the bookmarks and while navigating through several browser tabs.

The main sections of the DIAMOND web site are as follows:

1. About DIAMOND
2. Motivation
3. Mission
4. Design Flow
5. Partners
6. Contacts
7. Press Coverage
8. Publications
9. Private Area

DIAMOND web site is supplemented with the *Google Analytics* web analytics solution that gives rich insights into the website traffic and dissemination of the project.

More detailed information about DIAMOND website can be found in Deliverable D5.1.

6 DIAMOND Poster, Flyer and Promotional Video

In the DIAMOND project, two flyer designs have been created: a one-sided project flyer that can be also printed out as a poster and a foldable, brochure-type flyer. Both flyers have been made available for download at the DIAMOND project web site URL: <http://fp7-diamond.eu/> under the “About DIAMOND” link.

In addition, a promotional 2 minute video of DIAMOND has been created and is also accessible from the DIAMOND web page.



Figure 1. DIAMOND promotional video