

Krešimir Dabčević

Telecommunications engineer

Education

PhD in Computational Intelligence, 2012-2015

University of Genoa, Genoa, Italy

Topics: Security issues of Cognitive Radios (CRs). Practical implementations of CRs

Visiting researcher, 2011

Mälardalen University, Vasterås, Sweden

Topic: Implementation of 802.15.4. ZigBee PHY layer using USRP Software Defined Radios

MSc in Information Technology, 2009-2011

Faculty of Electrical Engineering and Computing

University of Zagreb, Zagreb, Croatia

BSc in Electrical Engineering, 2005-2009

Faculty of Electrical Engineering and Computing

University of Zagreb, Zagreb, Croatia

Work experience

nSHIELD (European project), 2012-2015

<http://www.newshield.eu>

Researcher. Work package coordinator

Topic: Application of security, privacy and dependability in the context of embedded systems

University of Genoa, Italy, 2012-2014

Teaching assistant

Courses: Radiocommunication systems. Sound & environment

ESSOR (European project), 2012

<http://www.occar.int/36>

Researcher

Topic: European Secure Software Defined Radio

NOVA TV, 2008-2011

<http://novatv.dnevnik.hr>

Digital multimedia technician

Professional references

Dr. Carlo Regazzoni

Full professor, University of Genoa

Supervisor during the PhD programme

carlo@dibe.unige.it

Mrs. Cecilia Coveri

Senior engineer, Selex ES

nSHIELD project leader

cecilia.coveri@selex-es.com

Information

Croatian citizen

Date of Birth: 10/09/1986

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5614 BG, Eindhoven, the Netherlands
+39 327 662 6310

kresimir@dabcevic.com

<http://dabcevic.com>

Competences

Software experience

Development languages: Matlab, C, C++, Python

Simulation environments: GNU Radio, Simulink, OMNeT++

Database management: SQL

Web design: HTML

Op. systems: Linux, Windows

Hardware experience

SDR/CR platforms: SWAVE Handheld SDR, USRP, Nutaq SFF SDR

Embedded systems: Beagleboard, Beaglebone, OMBRA

Other: Spectrum analyzers, signal generators, etc.

Languages

Croatian – native

English – C2

Italian – C1

Portuguese – A2

Professional activities

IEEE&INSTICC member

Supervision of BSc students

Referee for international journals and conferences

Publications

<http://dabcevic.com/pub>

Other skills and interests

Game theory and probability theory

Specialty coffee, home barista

Playing piano

Recreational sports: football, basketball