

Curriculum vitae

PERSONAL INFORMATION

Costin Raiciu

📍 ED217, Facultatea de Automatica si Calculatoare, Universitatea Politehnica din Bucuresti, Bucharest (Romania)

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WORK EXPERIENCE

01/09/2007–01/09/2010

Researcher

University College London, London, (United Kingdom)

Worked in the Trilogy FP7 project on developing Multipath TCP

01/10/2010–Present

Assistant professor

University Politehnica of Bucharest, Bucharest (Romania)

EDUCATION AND TRAINING

01/09/2004–01/10/2010

PhD in Computer Science

University College London, London, (United Kingdom)

Thesis on "Roar: Increasing the Flexibility and Performance of Distributed Search"

01/09/2003–01/07/2004

Masters' Degree in Computer Science

Facultatea de Automatica si Calculatoare, Universitatea Politehnica din Bucuresti.

01/09/1998–01/07/2003

Undergraduate Degree in Computer Science

Facultatea de Automatica si Calculatoare, Universitatea Politehnica din Bucuresti

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](#)

ADDITIONAL INFORMATION

Projects

Principal Investigator for the **SUPERFLUIDITY H2020 Project** (2015-2017)

Topics: 5G networks, static analysis of foreign code.

UPB Budget: 300.000 euro

Principal Investigator for the **SSICLOPS H2020 Project** (2015-2017)

Topics: datacentre networks, private clouds.

UPB Budget: 320.000 euro

Main achievements (so far):

HotCloud 2015 paper called "Oh Sender Are Thou Happy? TCP Sendbuffer advertising for make-benefit of clouds and tenants"

Principal Investigator for the **Trilogy2 FP7 Project** (2014-2016)

Topics: resource liquidity (CPU, bandwidth, storage) and control

UPB Budget: 350000 euro

Main achievements:

Towards Mobility without Fast Handover – Croitoru et. Al - in NSDI 2015

Increasing Datacenter Network Utilization with GRIN – Agache et. Al. – NSDI 2015

Principal Investigator for the **Mobil4 PNII Project** (2013-2016)

Topics: mobility

UPB Budget: 1,000,000RON

Main achievements:

Using Cooperation for Low Power Low Latency Cellular Connectivity – Nicutar et al – CONEXT 2014

Cerere **brevet inventie** (2013-00711/27.09.2013): Metoda si sistem de conectare celulara cu consum redus de energie si costuri reduce

Principal Investigator for the **CHANGE FP7 Project** (2010-2013)

Topics: middleboxes, Internet architecture

UPB Budget: 300,000EUR

Main achievements:

In-Net : In-Network Processing for the Masses – Stoenescu et al – EUROSYS 2015

How hard can it be? Designing and Implementing a deployable Multipath TCP – Raiciu et al - NSDI 2012

Improving datacenter performance and robustness with Multipath TCP – Raiciu et al-SIGCOMM 2011

Design, Implementation and Evaluation of Congestion Control for Multipath TCP – Wischik et al. NSDI 2011

Is It Possible to Extend TCP? – Honda et al – IMC 2011

AWARDS

BEST PAPER AWARD at NSDI 2011 for the paper "Design, Implementation and Evaluation of Congestion Control for Multipath TCP"

COMMUNITY AWARD at NSDI 2012 for the paper "How hard can it be? Designing and Implementing a deployable Multipath TCP"

APPLIED NETWORKING RESEARCH AWARD in 2012 for the paper "Is It Still Possible to Extend TCP?"

CITATIONS

2233 citations on Google Scholar as of 27.05.2015