

# Ionut Constandache

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## Education

2006 – present : PhD Student, Computer Science Department, Duke University, USA  
2000 – 2005 : B. Sc. in Computer Science and Engineering, University Politehnica of Bucharest, Romania

## Publications

*SurroundSense: Localizing Mobile Phones Via Ambience Fingerprinting*,  
by Martin Azizyan, Ionut Constandache, Romit Roy Choudhury  
To appear in MobiCom 2009, Beijing, China.

*PhonePoint Pen: Using Mobile Phones to Write in Air*,  
by Sandip Agrawal, Ionut Constandache, Shravan Gaonkar, Romit Roy Choudhury  
To appear in MobiHeld 2009, in conjunction with ACM SIGCOMM 2009, Barcelona, Spain.

*EnLoc: Energy Efficient Localization for Mobile Phones*,  
by Ionut Constandache, Matt Saylor, Shravan Gaonkar, Romit Roy Choudhury, Landon Cox  
In IEEE Infocom (Mini) 2009, Rio de Janeiro, Brazil.

*Secure Control of Portable Images in a Virtual Computing Utility*,  
by Ionut Constandache, Aydan Yumerefendi, Jeff Chase  
In VMSec 2008 in conjunction with ACM CCS 2008, Alexandria, Virginia, USA.

*Policy-Driven Negotiation for Authorization in the GRID*,  
by Ionut Constandache, Daniel Olmedilla, Frank Siebenlist  
In POLICY 2007, Bologna, Italy

## Research Interests

Mobile Computing, Mobile Phone Localization, Opportunistic Sensing, Energy Efficiency For Mobile Phones, Virtual Machine Technologies, Operating Systems, Distributed Systems

## **Internships**

May – August 2008: NetApp, Research Triangle Park, North Carolina, USA

March – August 2005: L3S Research Center, University of Hanover, Germany

## **Teaching Experience**

January – May 2008: Teaching Assistant at Duke University for Professor Bruce Maggs, CPS214 Computer Networks and Distributed Systems

January – May 2007: Teaching Assistant at Duke University for Professor Carla Ellis, CPS110 Introduction to Operating Systems

October 2005 – July 2006: Teaching Assistant at University Politehnica of Bucharest for Professor Valentin Cristea, Computer Networks, Programming Systems for Computer Networks.

## **Awards**

Duke Departmental Fellowship 2006

Romanian Government Merit Fellowship 2003 – 2005