# Armando Migliaccio

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## AREA OF INTEREST

I am interested in various aspects of Mobile and Ubiquitous Computing, Distributed Objects Computing, Real Time and Embedded Systems. I am currently involved in the areas of real time computing in mobile network infrastructures.

## EDUCATION

**WEB-MINDS Project**, *Italy (January 2005-Present)*
Member of the WEB-MINDS (Wide-scalE, Broadband, MIddleware for Network Distributed Services) Project sponsored by the FIRB (Fondo per gli Investimenti della Ricerca di Base).

**Washington University in St. Louis,** *St. Louis, Missouri – USA (March 2005-October 2005)*
Visiting Research Associate c.o. the Distributed Object Computing Group, Computer Science and Engineering Department, advisor Prof. C.D. Gill

**University of Naples – Federico II**, *Naples, Italy (November 2003-Present)*
PhD student in the Computer Engineering under advisor Prof. Stefano Russo. Member of the MobiLab Group lead by Prof. Stefano Russo.

**University of Naples – Federico II**, *Naples, Italy (September 1998-October 2003)*
Master Science Degree *cum laude* in Computer Engineering, October 2003.

## PUBLICATIONS

*Conferences*

D. Cotroneo, A. Migliaccio and S. Russo, *Reliable **A Communication Broker for Nomadic Computing Systems**. In Proc. of the Int. Conf. on High Performance Computing and Communications (HPCC), 2005. Sorrento, (Naples, Italy).*

D. Cotroneo, A. Migliaccio and S. Russo, ***Reliable Monitoring of Network-related Performance Parameters in Wireless Environments**. In Proc. of 10th IEEE Workshop on Object-oriented Real-time Dependable Systems (WORDS), 2005. Sedona (Arizona, USA).*

M. Cinque, D. Cotroneo, C. Di Flora, A. Migliaccio and S. Russo, ***ESPERANTO: a Middleware Platform to Achieve Interoperability in Nomadic Computing Domains**. In Proc. of the 3rd ACS/IEEE Int. Conf. on Computer Systems and Applications (CSA), 2005.*

D. Cotroneo, A. Migliaccio, S. Russo, ***A Distributed Object Platform to Achieve Interactions in Nomadic Computing Environments** . In the Proc. of the 6th Int. Conf. on Distributed Objects and Applications (DOA), 2004.*

*Technical Reports*

M. Cinque, F. Cornevilli, D. Cotroneo, A. Migliaccio, C. Pirro, and S. Russo, ***CLM and NCSOCKS: Enabling Nomadic Applications Development**. TR-WEBMINDS-53, FIRB Technical Report, Napoli, 2005.*

M. Cinque, D. Cotroneo, A. Migliaccio, S. Russo, ***The ESPERANTO Broker: a technical report**. TR-WEBMINDS-37, FIRB Technical Report, Napoli, 2005.*

M. Cinque, F. Cornevilli, D. Cotroneo, A. Migliaccio, C. Pirro, S. Russo, *CLM and NCSOCKS: a technical report*. TR-WEBMINDS-26, FIRB Technical Report, Napoli, 2004.

## COMMUNITY ACTIVITIES

**Conference Service**

- Secondary reviewer – ISORC'05, MPAC'05, WirelessCom'05, SIUMI'05

**Local Arrangement**

- *Program Co-chair* -  1$^{st}$ Joint Workshop University of Naples-University of Paderborn (Feb. 2003)

## TECHNICAL SKILLS

**Programming Languages:** C, Java, C++, Python, Pascal, Prolog, Basic, Fortran, Assembly (Intel x86 and Motorola)
**Middleware:** CORBA (ACE+TAO), JavaRMI, Jini
**Databases:** ODBC**,** JDBC, SQL
**Operating Systems:** Solaris, Linux and Kernel Module programming, SELinux, Windows
**Networking**: HTTP, CGI, ASP, SMTP, UDP, TCP/IP, SIP
**Wireless technologies**: IEEE 802.11x, Bluetooth
**Simulation tools:** Mathwork Matlab/Simulink
**Software Management:** Subversion, CVS

## References

Available upon request