INFORMAZIONI PERSONALI

Flavio Lombardi

OCCUPAZIONE PER LA QUALE SI CONCORRE POSIZIONE RICOPERTA OCCUPAZIONE DESIDERATA TITOLO DI STUDIO DICHIARAZIONI PERSONALI

Incarico docenza corso IN430

ESPERIENZA PROFESSIONALE

Da 2005 ad oggi

In servizio presso Consiglio Nazionale delle Ricerche
http://www.cnr.it

Attività di Ricerca e Sviluppo

ISTRUZIONE E FORMAZIONE

2004

Ph.D. Informatica
Università Sapienza di Roma – dipartimento di Informatica

1999

Laurea Scienze dell'Informazione
Università Sapienza di Roma – dipartimento di Informatica

COMPETENZE PERSONALI

Lingua madre

Sostituire con la lingua(e) madre

Altre lingue

COMPRENSIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
Inglese				
C2	C2	C2	C2	C2
Proficiency				
Spagnolo				
B1	B1	B1	B1	B1

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
Quadro Comune Europeo di Riferimento delle Lingue

Attività di ricerca e didattiche

- 2015/2016 Docente a contratto Corso IN430 presso Matematica Univ. Roma Tre
- 2014/2015 Docente a contratto Corso IN430 presso Matematica Univ. Roma Tre
- 2013/2014 Docente a contratto Corso IN430 presso Matematica Univ. Roma Tre
- 2011/2012 Docente a contratto Corso IN430 presso Matematica Univ. Roma Tre
- 2011/2012 Supporto alla docenza Corso IN110 presso fac. Matematica Univ. Roma Tre
- 2010/2011 Docente a contratto Corso IN430 presso fac. Matematica Univ. Roma Tre
- 2009/2010 Docente a contratto Corso IN6 presso fac. Matematica Univ. Roma Tre
- 2008/2009 Supporto alla docenza Corso IN1 presso fac. Matematica Univ. Roma Tre
- 2007/2008 Supporto alla docenza Corso IN6 presso fac. Matematica Univ. Roma Tre

Principali Pubblicazioni Scientifiche

1   M. Draoli, C. Gaibisso, F. Lombardi, and A. S. Liberati, "A Java architecture for secure reliable multicast data transfer: Performance evaluation," in Communications, Internet, and Information Technology, 2002, pp. 142–147.

2   C. Gaibisso and F. Lombardi, "A reliable multicast approach to replica management for grids," in Parallel and Distributed Computing and Networks, 2005, pp. 282–288.

3   F. Lombardi and R. Puccinelli, "Jet-lag, java heterogeneous log analysis on the grid: Architecture, implementation and performance evaluation," in Parallel and Distributed Computing and Networks, 2005, pp. 295–300.

4   S. Salza, Y. D. Carlo, F. Lombardi, and R. Puccinelli, "Leveraging the grid for the autonomic management of complex infrastructures," in GCA, 2006, pp. 32–37.

5   E. Ambrosi, M. Bianchi, C. Gaibisso, G. Gambosi, and F. Lombardi, "Transparent java threads migration protocol over peer2peer," in Proceedings of the Third international conference on Parallel and Distributed Processing and Applications, ser. ISPA'05. Berlin, Heidelberg: Springer-Verlag, 2005, pp. 972–983. [Online]. Available: http://dx.doi.org/10.1007/11576235_97

6   E. Ambrosi, M. Bianchi, C. Gaibisso, G. Gambosi, and F. Lombardi, "Extending the uddi api for service instance ranking," in ISWS, 2005, pp. 104–110.

7   M. Lancia, R. Puccinelli, and F. Lombardi, "Feasibility and benefits of migrating towards jee: a real life case," in Proceedings of the 5th international symposium on Principles and practice of programming in Java, ser. PPPJ '07. New York, NY, USA: ACM, 2007, pp. 13–20. [Online]. Available: http://doi.acm.org/10.1145/1294325.1294328

8   M. Lancia, F. Lombardi, and R. Puccinelli, "Cost reduction and development speed-up through reusability: evaluating experiences against a simplified model," in Proceedings of the 11th IASTED International Conference on Software Engineering and Applications, ser. SEA '07. Anaheim, CA, USA: ACTA Press, 2007, pp. 486–493. [Online]. Available: http://dl.acm.org/citation.cfm?id=1647636.1647720

9   A. Bei, M. Lancia, F. Lombardi, and R. Puccinelli, "Processes for software development within the public administration," in Proceedings of the Seventh ICSE conference on Software quality, ser. WOSQ'09. Washington, DC, USA: IEEE Computer Society, 2009, pp. 22–32. [Online]. Available:http://dl.acm.org/citation.cfm?id=1965830.1965834

10   F. Lombardi and R. Di Pietro, "Kvmsec: a security extension for linux kernel virtual machines," in Proceedings of the 2009 ACM symposium on Applied Computing, ser. SAC '09. New York, NY, USA: ACM, 2009, pp. 2029–2034. [Online]. Available: http://doi.acm.org/10.1145/1529282.1529733

11   F. Lombardi and R. Di Pietro,, "A security management architecture for the protection of kernel virtual machines," in Proceedings of the 2010 10th IEEE International Conference on Computer and Information Technology, ser. CIT '10. Washington, DC, USA: IEEE Computer Society, 2010, pp. 948–953. [Online]. Available: http://dx.doi.org/10.1109/CIT.2010.175

12   F. Lombardi and R. Di Pietro, "Transparent security for cloud," in Proceedings of the 2010 ACM Symposium on Applied Computing, ser. SAC '10. New York, NY, USA: ACM, 2010, pp. 414–415. [Online]. Available: http://doi.acm.org/10.1145/1774088.1774176

13   F. Lombardi, R. D. Pietro, and C. Soriente, "Crew: Cloud resilience for windows guests through monitored virtualization," in Proceedings of the 2010 29th IEEE Symposium on Reliable Distributed Systems, ser. SRDS '10. Washington, DC, USA: IEEE Computer Society, 2010, pp. 338–342. [Online]. Available: http://dx.doi.org/10.1109/SRDS.2010.48

14   F. Lombardi and R. Di Pietro, "Secure virtualization for cloud computing," J. Netw. Comput. Appl., vol. 34, no. 4, pp. 1113–1122, Jul. 2011. [Online]. Available: http://dx.doi.org/10.1016/j.jnca.2010.06.008

15   R. Di Pietro, F. Lombardi, and M. Signorini, "CloRExPa: Cloud resilience via execution path analysis," Future Gener. Comput. Syst., vol. 32, pp. 168–179, Mar. 2014. [Online]. Available:

http://dx.doi.org/10.1016/j.future.2012.05.010

16   R. Di Pietro, F. Lombardi, F. Martinelli, and D. Sgandurra, "AntiCheetah: an Autonomic Multi-round Approach for Reliable Computing," in Ubiquitous Intelligence and Computing, 2013 IEEE 10th International Conference on and 10th International Conference on Autonomic and Trusted Computing(UIC/ATC), Dec 2013, pp. 371–379.

17   R. Di Pietro, F. Lombardi, F. Martinelli, and D. Sgandurra, "CheR: Cheating Resilience in the Cloud via Smart Resource Allocation," in Foundations and Practice of Security, ser. Lecture Notes in Computer Science, J. L. Danger, M. Debbabi, J.-Y. Marion, J. Garcia-Alfaro, and N. Zincir Heywood, Eds. Springer International Publishing, 2014, pp. 339–352.

18   R. D. Pietro, F. Lombardi, F. Martinelli, and D. Sgandurra, "Anticheetah: Trustworthy computing in an outsourced (cheating) environment," Future Generation Computer Systems, vol. 48, no. 0, pp. 28 – 38, 2015. [Online]. http://www.sciencedirect.com/science/article/pii/S0167739X15000394

19   G. Suarez-Tangil, J. Tapiador, F. Lombardi, and R. Di Pietro, "Thwarting obfuscated malware viadifferential fault analysis," Computer, vol. 47, no. 6, pp. 24–31, June 2014.

20   F. Lombardi and R. Di Pietro, "Cudacs: securing the cloud with cuda-enabled secure virtualization,"in Proceedings of the 12th international conference on Information and communications security, ser. ICICS'10. Berlin, Heidelberg: Springer-Verlag, 2010, pp. 92–106. [Online]. Available: http://dl.acm.org/citation.cfm?id=1948352.1948363

21   G. Suarez-Tangil, J. Tapiador, F. Lombardi, and R. Di Pietro, "Alterdroid: Differential fault analysis of obfuscated smartphone malware," IEEE Transactions on Mobile Computing., 2015, to appear.

22   V. Daza, R. Di Pietro, F. Lombardi, and M. Signorini, "Force: Fully off-line secure credits for mobile micro payments," in 11th International Conference on Security and Cryptography. SCITEPRESS, 2014.

23   V. Daza, R. Di Pietro, F. Lombardi, and M. Signorini, "FRoDO: Fraud resilient device for off-line micro-payments," IEEE Transactions on Dependable and Secure Computing, vol. PP, no. 99, pp. 1–16, 2015.