

Curriculum Vitae

Matteo Repetto

Europass

Personal Data


Informazioni Personali


Name/Surname
Nome/Cognome Matteo Repetto


Sex
Sesso


Date of birth
Data di nascita 12/03/1976


Nationality
Nazionalità

Phone
Telefono 

Email
Posta elettronica 

Skype id 

LinkedIn 

Web 

Work experience

Esperienza professionale

Position
Posizione **Research scientist**
Ricercatore

Organization
Ente Consiglio Nazionale delle Ricerche (CNR)
Istituto di Matematica Applicata e Tecnologie Informatiche (IMATI)
Genova, Italy

Period
Periodo From 28/11/2019 to present
Dal 28/11/2019 ad oggi

Main tasks
Principali mansioni

- **Scientific and technical coordination** of international research projects (EU H2020)
Coordinamento tecnico/scientifico di progetti di ricerca internazionali (EU H2020)
- **Coordination and management** of research groups
Coordinamento e gestione di gruppi di ricerca
- **Research in the telecommunication fields** (including cloud/edge computing)
Ricerca in ambito telecomunicazioni (incluse piattaforme cloud e edge computing)
- **Proposal writing** for European (H2020, HE) and national (PRIN) research programmes
Preparazione di proposte di ricerca, nell'ambito di programmi Europei (H2020, HE) e nazionali (PRIN).
- **Software development**
Sviluppo software.

Position
Posizione **Research scientist**
Ricercatore

Organization
Ente Consorzio Nazionale Interuniversitario per le Telecomunicazioni
Genova, Italia

Period <i>Periodo</i>	01/01/2010 – 27/11/2019
Main tasks <i>Principali mansioni</i>	<ul style="list-style-type: none"> • Scientific and technical coordination of international research projects (EU H2020) <i>Coordinamento tecnico/scientifico di progetti di ricerca internazionali (EU H2020)</i> • Coordination and management of research groups <i>Coordinamento e gestione di gruppi di ricerca</i> • Research in the telecommunication fields (including cloud/edge computing) <i>Ricerca in ambito telecomunicazioni (incluse piattaforme cloud e edge computing)</i> • Proposal writing for European (H2020, HE) and national (PRIN) research programmes <i>Preparazione di proposte di ricerca, nell'ambito di programmi Europei (H2020, HE) e nazionali (PRIN)</i> • Software development <i>Sviluppo software</i>
Position <i>Posizione</i>	System administrator <i>Amministratore sistemi ICT</i>
Organization <i>Ente</i>	Laboratorio di reti e telecomunicazioni (TNT Lab) Università degli Studi di Genova Genova, Italia
Period <i>Periodo</i>	2001-2019
Platforms <i>Piattaforme</i>	Linux servers, Linux/Windows/Mac clients, networking (Cisco, Juniper, HP)
Position <i>Posizione</i>	Teacher <i>Insegnante</i>
Period <i>Periodo</i>	From 2022 to present <i>Dal 2002 ad oggi</i>
Types <i>Tipologia</i>	<ul style="list-style-type: none"> • PhD courses <i>Corsi di dottorato</i> • Post-academic and specialization courses <i>Master e corsi di specializzazione post-universitaria</i> • Academic courses <i>Corsi integrativi di insegnamenti accademici</i> • Vocational training <i>Corsi di formazione professionale</i>
Position <i>Posizione</i>	Post-doc
Organization <i>Ente</i>	Università degli Studi di Genova, Genova, Italy Consorzio Nazionale Interuniversitario per le Telecomunicazioni (CNIT), Genova, Italy Consiglio Nazionale delle Ricerche (CNR), Genova, Italy
Period <i>Periodo</i>	01/01/2004 – 31/12/2009
Main tasks <i>Principali mansioni</i>	<ul style="list-style-type: none"> • Fundamental and applied research <i>Attività di ricerca di base e applicata</i> • Software development <i>Sviluppo software</i>

Education and training

Istruzione e formazione

Degree <i>Titolo</i>	PhD in Electronic and Computer Science Engineering <i>Dottorato di Ricerca in "Ingegneria Elettronica ed Informatica"</i>	Livello 8 QEQ
Organization <i>Istituto</i>	Università degli Studi di Genova Genova (Italy)	
Period <i>Periodo</i>	2001 – 2003	
Thesis <i>Tesi</i>	Estimation of non-urban vehicular traffic, user mobility models, and dynamic bandwidth allocation in multi-service mobile cellular networks (in Italian) <i>Stima del traffico veicolare in ambiente extraurbano, modelli di mobilità dell'utenza e allocazione dinamica di banda in reti radiomobili cellulari multiservizio</i>	
Degree <i>Titolo</i>	MSc Telecommunication Engineering <i>Laurea in Ingegneria delle Telecomunicazioni</i>	Livello 7 QEQ
Organization <i>Istituto</i>	Università degli Studi di Genova Genova (Italia)	
Period <i>Periodo</i>	1995 – 2000	
Final mark <i>Votazione</i>	110/110 (with honors) <i>110/110 e lode</i>	
Final dissertation <i>Tesi</i>	Dynamic bandwidth allocation mechanisms for mobile radio networks in highway environments <i>Tecniche per allocazione dinamica di banda per reti radiomobili in ambiente autostradale</i>	
Degree <i>Titolo</i>	High-school diploma in accounting, bookkeeping, and computer science – Mercurio programme <i>Diploma di maturità "Ragioniere Perito Commerciale e Programmatore – progetto Mercurio"</i>	Livello 4 QEQ
Organization <i>Istituto</i>	ITCS L. Einaudi, Genova, Italy	
Period <i>Periodo</i>	1990 – 1995	
Final ranking <i>Votazione</i>	60/60	

Personal skills

Competenze personali

Mother tongue <i>Lingua madre</i>	Italian <i>Italiano</i>												
Other language <i>Altra lingua</i>	English <i>Inglese</i>												
Self-assessment <i>Autovalutazione</i>	<table border="1"> <thead> <tr> <th colspan="2">Understanding <i>Comprensione</i></th> <th colspan="2">Speaking <i>Parlato</i></th> <th>Writing <i>Scritto</i></th> </tr> </thead> <tbody> <tr> <td>Listening <i>Ascolto</i></td> <td>Reading <i>Lettura</i></td> <td>Interaction <i>Interazione</i></td> <td>Production <i>Produzione orale</i></td> <td></td> </tr> </tbody> </table>		Understanding <i>Comprensione</i>		Speaking <i>Parlato</i>		Writing <i>Scritto</i>	Listening <i>Ascolto</i>	Reading <i>Lettura</i>	Interaction <i>Interazione</i>	Production <i>Produzione orale</i>		
Understanding <i>Comprensione</i>		Speaking <i>Parlato</i>		Writing <i>Scritto</i>									
Listening <i>Ascolto</i>	Reading <i>Lettura</i>	Interaction <i>Interazione</i>	Production <i>Produzione orale</i>										

B1

B2

B2

B1

C1

A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

Common European Framework of Reference for Languages

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato

Quadro Comune Europeo di Riferimento delle Lingue

Communication skills

Competenze comunicative

- Good communication and relationship skills for working in team, gained in several international research and software development projects

Buone capacità comunicative e relazionali per il lavoro in gruppo, acquisite durante la partecipazione a progetti di ricerca e di sviluppo software

- Excellent expository skills, gained during many years of teaching and presenting

Ottime capacità espositive, acquisite nel corso dell'attività didattica e presentazioni

Organisational and managerial skills

Competenze organizzative e gestionali

- Excellent organizational skills, developed as technical/scientific coordinator and local principal investigators in international and national research projects.

Ottime competenze organizzative di grandi attività di ricerca e sviluppo, come coordinatore tecnico/scientifico e responsabile di unità di progetti nazionali ed internazionali

- Good skills in coordination and management of small working groups (3-5 people)

Buone competenze di coordinamento e direzione di piccoli gruppi di lavoro (3-5 persone)

- Tutoring of academic and PhD thesis

Supervisione di tesi di laurea e dottorato in ambito universitario e post-universitario

Job-related skills

Competenze professionali

- Excellent experience in scientific and technical management of EU-wide research projects

Ottima esperienza di coordinamento tecnico/scientifico di progetti di ricerca Europei

- Excellent experience in writing funding proposals (in both English and Italian)

Ottima esperienza nella stesura di domande di progetti di ricerca

- Excellent knowledge of networking technologies and protocols, including next-generation technologies (5G, fog and edge computing)

Ottima conoscenza delle tecnologie e protocolli di networking, incluse quelle di prossima generazione (5G, fog e edge computing).

- Excellent knowledge of Linux for software development and IT services

Ottima conoscenza di sistemi Linux per implementare servizi di rete

- Excellent software development skills for Linux-based environments

Ottime competenze di sviluppo software per sistemi operativi basati su Linux

- Excellent skills for designing, implementing, and configuring networking solutions

Ottima esperienza di progettazione, implementazione, e configurazione di soluzioni di rete

- Excellent teaching and training skills

Ottime capacità didattiche

- Good skills as IT System Administrator

Buona esperienza come System Administrator

- Good knowledge of cloud technologies (OpenStack, Kubernetes)

Buona conoscenza di tecnologie cloud (OpenStack, Kubernetes)

- Good software development skills in C/C++

Buone capacità di sviluppo software (prevalentemente in linguaggio C/C++).

- Buona manualità e disponibilità al lavoro pratico

Good manual skills and availability to manual labour

- High-speed type-writing

Elevata velocità di scrittura al videoterminale

- Excellent capability for self-training in ICT

Elevata autonomia nell'acquisire nuove competenze in campo ICT

Digital skills
Competenza digitale Deep knowledge of all common digital technologies
Conoscenza approfondita di tutte le tecnologie digitali di uso comune.

Self-assessment <i>Autovalutazione</i>	Information processing <i>Elaborazione delle informazioni</i>	Communication <i>Comunicazione</i>	Content creation <i>Creazione di contenuti</i>	Security <i>Sicurezza</i>	Problem solving <i>Risoluzione di problemi</i>
		Avanzato	Avanzato	Avanzato	Avanzato

Computer skills
Competenze informatiche

- **Programming e scripting languages**

Linguaggi di programmazione e scripting

- Excellent knowledge of C++, Bash

Ottima conoscenza di C++, Bash

- Good knowledge of Matlab, C, SQL, Simulink

Buona padronanza di Matlab, C, SQL, Simulink

- Some knowledge of Python, PHP, HTML, Pascal, Cobol,

Esperienze in Python, PHP, HTML, Pascal, Cobol

- Basic knowledge of Java, Prolog, VHDL

Conoscenze di base di Java, Prolog, VHDL

- **Development IDE**

Ambienti di sviluppo

- Excellent knowledge of Make

Ottima conoscenza Make

- Experience with Visual C++, Borland Builder, WindRiver Tornado

Esperienze in Visual C++, Borland Builder, WindRiver Tornado

- **Operating Systems**

- **Sistemi operativi**

- Linux: excellent knowledge (firewalling, NAT, routing, programming)

Ottima conoscenza Linux (firewalling, NAT, routing, programmazione)

- Windows 2000/XP/7 e Mac OSX: good knowledge

Buona conoscenza Windows 2000/XP/7 e Mac OSX

- **Software applications**

Applicativi software

- Networking services: DNS Bind, Web Server Apache, MySQL, LDAP, Kerberos, CVS, SVN, GIT, CalDav/CardDav, Webmail, NFS, DHCP, NTP, Postfix, Cyrus, iptables

Servizi di rete: DNS Bind, Web Server Apache, MySQL, LDAP, Kerberos, CVS, SVN, GIT, CalDav/CardDav, Webmail, NFS, DHCP, NTP, Postfix, Cyrus, iptables

- Cloud computing: OpenStack, Kubernetes (user and administrator)

Cloud computing: OpenStack, Kubernetes (utente e amministratore)

- Security: opnsense, openvpn, openssl, strongswan

Sicurezza: opnsense, openvpn, openssl, strongswan

- Microsoft Office: Word, Powerpoint, Excel, Equation editor

Pacchetto Microsoft Office: Word, Powerpoint, Excel, Equation editor

- Word processor: OpenOffice/LibreOffice

Word processor: OpenOffice/LibreOffice

- Text processing: Latex, Bibtex

Text processing: Latex, Bibtex

- Multimedia: Cinelerra, Gimp, Inkscape, VLC, Avidemux

Multimedia: Cinelerra, Gimp, Inkscape, VLC, Avidemux

- **Networking devices**

Apparati di networking

- Cisco, Juniper, HP, Huawei

Cisco, Juniper, HP, Huawei

Driving licence B
Patente di guida

Qualifications

Abilitazioni

Qualification Professional engineer
Tipologia *Abilitazione all'esercizio della professione di Ingegnere*

Public exam Esame di stato, I sessione 2001.
Concorso

Year 2001
Anno

Qualification CNR Researchers
Tipologia *Idoneità ricercatore CNR*

Public exam Concorso indetto con il bando 364.92 del 22/12/2009, Area Scientifica A.2 "Scienze informatiche e ingegneria dell'informazione", Raggruppamento omogeneo I, Codice di riferimento GE 29/1, pubblicato sulla Gazzetta Ufficiale – 4a serie speciale – Concorsi, n. 99 del 29/12/2009. Risultato pubblicato sulla Gazzetta Ufficiale – 4a serie speciale – Concorsi, n. 84 del 21/10/2011
Concorso

Year 2011
Anno

Final mark 88,70/110
Punteggio

Type CNR Senior Researcher
Tipologia *Idoneità Primo Ricercatore CNR*

Public exam Concorso indetto con il bando n. 315.20, Prot. 0052104/2020 del 07/08/2020, Area Strategica Informatica.
Concorso

Year 2021
Anno

Final mark Punteggio: 66,60/110
Punteggio

Annexes

Allegati

Annex A Scientific publications
Allegato A *Pubblicazioni scientifiche*

Annex B Editorial activities
Allegato B *Attività editoriali*

Annex C Research projects
Allegato C *Progetti di ricerca scientifici ed industriali*

Annex D Teaching activities
Allegato D *Attività didattiche*

**Additional
information**
Ulteriori informazioni

Personal data
Dati personali

I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff, in compliance with the EU Regulation UE 2016/679 (*General Data Protection Regulation*) and the Italian Legislative Decree no. 196 dated 30/06/2003 (*Codice in materia di protezione dei dati personali*).

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e del Regolamento UE 2016/679 ("General Data Protection Regulation").

Annex A Scientific publications

Allegato A Pubblicazioni scientifiche

International journals

Riviste internazionali

-
- [R1] R. Bolla and M. Repetto. "A New Model for Network Traffic Forecast Based on User's Mobility in Cellular Networks with Highway Stretches," *International Journal of Communication Systems*, vol. 17, no. 10, pp. 911-934, December 2004. DOI: 10.1002/dac.681.
- [R2] R. Bolla, R. Bruschi, F. Davoli and M. Repetto. "Hybrid Optimization for QoS Control in IP Virtual Private Networks," *Computer Networks*, vol. 52, no. 3, pp. 563-580, February 2008. DOI: 10.1016/j.comnet.2007.10.006.
- [R3] A. Alessandri, R. Bolla, M. Gaggero and M. Repetto. "Modeling and Identification of Nonlinear Dynamics for Freeway Traffic by Using Information from a Mobile Cellular Network," *IEEE Transactions on Control Systems Technology*, Volume: 17, Issue: 4, July 2009, pp. 952-959, ISSN 1063-6536, DOI: 10.1109/TCST.2009.2014242.
- [R4] R. Bolla and M. Repetto. "An Integrated Mobility Framework for Ad-Hoc Distributed Personal Networks," *International Journal of Communication Networks and Distributed Systems (IJCND)*, Volume 4, Number 3, 2 April 2010, pp. 306-330. DOI: 10.1504/IJCND.2010.032417
- [R5] R. Bolla, R. Rapuzzi, M. Repetto. "User-centric mobility management for multimedia content access," *Multimedia Tools and Applications*, Volume 70, Issue 1, May 2014, pp. 267-295. DOI: 10.1007/s11042-011-0827-9.
- [R6] R. Bolla, R. Rapuzzi, M. Repetto. "User-Centric Mobility for Multimedia Communication: Experience and Evaluation from a Live Demo," *Journal of Networks (JNW)*, Special Issue on Performance Modeling and Evaluation of Computer and Telecommunication Systems, Vol 7, No 1, January 2012, pp. 21-36, DOI: 10.4304/jnw.7.1.21-36.
- [R7] R. Bolla, M. Repetto. "A Comprehensive Tutorial for Mobility Management in Data Networks," *IEEE Communications Surveys & Tutorials*, Vol. 16, Issue 2, Second Quarter 2014, pp. 812–833, ISSN 1553-877X, DOI 10.1109/SURV.2013.071913.00140.
- [R8] R. Bolla, M. Giribaldi, R. Khan, M. Repetto. "Network Connectivity Proxy: Architecture, Implementation, and Performance Analysis," *IEEE Systems Journal*, Volume: 11, Issue: 2, June 2017, pp. 588 – 599. DOI: 10.1109/JSYST.2015.2438639.
- [R9] R. Bolla, M. Chiappero, R. Khan, M. Repetto. "Saving Energy by Delegating Network Activity to Home Gateways," *IEEE Transactions on Consumer Electronics*, Vol. 61, No. 4, November 2015, pp. 445–453, ISSN 0098-3063, DOI 10.1109/TCE.2015.7389798.
- [R10] R. Bolla, R. Khan, M. Repetto. "Assessing the Potential for Saving Energy by Impersonating Idle Networked Devices," *IEEE Journal on Selected Areas in Communications*, Vol. 34, No. 5, March 2016, pp. 1676–1689. DOI 10.1109/JSAC.2016.2545414.
- [R11] A. Carrega, M. Repetto, P. Gouvas and A. Zafeiropoulos. "A Middleware for Mobile Edge Computing," *IEEE Cloud Computing – Special Issue on Middleware for Multicloud*, Vol. 4, No. 4, July/August 2017, pp. 26–37, ISSN: 2325-6095, DOI: 10.1109/MCC.2017.3791021.
- [R12] R. Rapuzzi, M. Repetto. "Building situational awareness for network threats in fog/edge computing: Emerging paradigms beyond the security perimeter model," *Future Generation Computer Systems*, Volume 85, August 2018, pp. 235-249. DOI: 10.1016/j.future.2018.04.007.
- [R13] A. Carrega, G. Portomauro, M. Repetto, G. Robino. "Balancing QoS and power consumption in programmable 5G infrastructures," *Trans Emerging Tel Tech.*, vol. 29, no. 11, Nov. 2018. DOI: 10.1002/ett.3425.
- [R14] R. Bolla, A. Carrega, M. Repetto and G. Robino. "Improving Efficiency of Edge Computing Infrastructures through Orchestration Models," *Computers*, Vol. 7, No. 2, 36, 2018. DOI: 10.3390/computers7020036.
- [R15] Stefan Covaci, Matteo Repetto, and Fulvio Rizzo. "Towards Autonomous Security Assurance in 5G Infrastructures," *IEICE Transactions on Communications*, Vol. E102-B, No. 3, March 2019, pp. 401-409. DOI: 10.1587/transcom.2018NVI0001.

- [R16] A. Carrega, G. Portomauro, M. Repetto, G. Robino. "Boosting Energy Efficiency and Quality of Service through orchestration tools," *IEEE Cloud Computing – Special Issue: Reengineering Cloud Data Centers*, Vol. 5, No. 6, November/December 2018, pp. 38-47. Electronic ISSN: 2325-6095. DOI: 10.1109/MCC.2018.064181119.
- [R17] Carrega, A., Portomauro, G., Repetto, M. Robino, G. Energy efficiency for edge multimedia elastic applications. *Multimed Tools Appl* 78, 24739–24764 (2019). ISBN: 1573-7721. DOI: 10.1007/s11042-018-7050-x.
- [R18] A. Carrega, M. Repetto. Coupling Energy Efficiency and Quality of Service for Consolidation of Cloud Workloads. *Computer Networks*, Vol. 174, 19 June 2020. DOI: 10.1016/j.comnet.2020.107210.
- [R19] M Repetto, A. Carrega, R. Rapuzzi. An architecture to manage security operations for digital service chains. *Future Generation Computer Systems*, Volume 115, February 2021, Pages 251-266. DOI: 10.1016/j.future.2020.08.044.
- [R20] L. Caviglione, W. Mazurczyk, M. Repetto, A. Schaffhauser, M. Zuppelli. Kernel-level tracing for detecting stegomalware and covert channels in Linux environments. *Computer Networks*, Volume 191, May 2021. DOI: 10.1016/j.comnet.2021.108010.
- [R21] M. Repetto, D. Striccoli, G. Piro, A. Carrega, G. Boggia, R. Bolla. An autonomous cybersecurity framework for next-generation digital service chains. *Journal of Network and Systems Management*, Vol. 29, Art. no. 37, May 2021. DOI: 10.1007/s10922-021-09607-7.
- [R22] M. Zuppelli, A. Carrega, and M. Repetto. An Effective and Efficient Approach to Improve Visibility Over Network Communications. *Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications (JOWUA)*, Vol. 12, No. 4, December 2021, Pages: 89-108. DOI: 10.22667/JOWUA.2021.12.31.089.
- [R23] M. Repetto, G. Bruno, J. Yusupov, G. Lamanna, B. Ertl, and A. Carrega. Automating Mitigation of Amplification Attacks in NFV Services. *IEEE Transactions on Network and Service Management*, Vol. 19, No. 3, Sep. 2022, pages 2382-2396. DOI: 10.1109/TNSM.2022.3172880.
- [R24] M. Zuppelli, M. Repetto, A. Schaffhauser, W. Mazurczyk, L. Caviglione. Code Layering for the Detection of Network Covert Channels in Agentless Systems. *IEEE Transactions on Network and Service Management*, Vol. 19, No. 3, Sep. 2022, pages 2282 - 2294. DOI: 10.1109/TNSM.2022.3176752.

Non peer-reviewed journals

Riviste senza revisione

- [N1] M. Repetto. "Boosting more efficiency in the cloud through the usage of power states," *European Energy Innovation*, Winter 2017, pp. 43.
- [N2] Raffaele Bolla, Maurizio Giribaldi, Giuseppe Piro and Matteo Repetto. La sicurezza informatica dei nuovi servizi digitali: un nuovo approccio architeturale. *ICT Security Magazine*, Ottobre 2019 (Italian only).
- [N3] F. Valenza, M. Repetto, S. Shiaeles. Guest editorial: Special issue on novel cyber-security paradigms for software-defined and virtualized systems. *Computer Networks*. DOI: 10.1016/j.comnet.2021.108126

Book chapters

Capitoli di libri

- [B1] R. Bolla, R. Bruschi, M. Canini and M. Repetto. "A High Performance IP Traffic Generation Tool Based on the Intel IXP2400 Network Processor," in F. Davoli, S. Palazzo, S. Zappatore, Eds., "Distributed Cooperative Laboratories: Networking, Instrumentation, and Measurements", Springer, Norwell, MA, 2006, pp. 127-142. DOI: 10.1007/0-387-30394-4_10.
- [B2] R. Bolla, R. Rapuzzi, M. Repetto. "User Evaluation of Dynamic User-Centric Networking," in F. Alvarez, C. Costa, Eds. "User Centric Media", Springer, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering Volume 60, 2012, pp 150-159. ISBN: 978-3-642-35144-0 (Print) 978-3-642-35145-7 (Online).

- [B3] R. Bolla, F. Cucchietti, M. Repetto. "The role of ICT in the evolution towards smart grids," in J. Wu, S. Rangan, H. Zhang, Eds. "Green Communications: Theoretical Fundamentals, Algorithms, and Applications", CRC Press, September 2012. ISBN: 978-1-4665-0107-2.
- [B4] R. Bolla, M. Giribaldi, R. Khan, and M. Repetto. "Design and Implementation of Cooperative Network Connectivity Proxy using Universal Plug and Play," in A. Galis, A. Gavras, Eds., "The Future Internet – Future Internet Assembly 2013: Validated Results and New Horizons", Springer Open, Lecture Notes in Computer Science, Vol. 7858, May 2013, pp. 323-335. ISBN 978-3-642-38081-5.
- [B5] A. Carrega, M. Repetto. "Green and Heuristics-Based Consolidation Scheme for Data Center Cloud Applications," in: Piva A., Tinnirello I., Morosi S., Eds. Digital Communication. Towards a Smart and Secure Future Internet. Communications in Computer and Information Science, vol 766, pp. 230-250, 2017. Springer, Cham.
- [B6] R. Bolla, A. Carrega, F. Davoli, M. Repetto, O. R. Sanchez. "Security Implications, Issues and Approaches in Programmable Networks," in Giuseppe Bianchi, Walter Cerroni, Sergio Palazzo, Eds. Network Programmability: a (r)evolutionary approach. Collana CNIT Technical Report, vol. 6, pp. 185-202, TEXMAT, Roma, 2020. ISBN: 978-88-94982-42-8.
- [B7] M. Repetto, A. Carrega. Monitoring Network Flows in Containerized Environments. In J. Kolodziej, M. Repetto and A. Duzha Eds. Cybersecurity of Digital Service Chains: Challenges, Methodologies and Tools, Springer Nature, Lecture Notes in Computer Science, Vol. 13300, April 2022, pp. 32-55.
- [B8] A. Carrega, G. Grieco, D. Striccoli, M. Paoutsakis, T. Lima, J. I. Carretero, M. Repetto. A Reference Architecture for Management of Security Operations in Digital Service Chains. In J. Kolodziej, M. Repetto and A. Duzha Eds. Cybersecurity of Digital Service Chains: Challenges, Methodologies and Tools, Springer Nature, Lecture Notes in Computer Science, Vol. 13300, April 2022, pp. 1-31.

Conferences

Conferenze

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- [C1] R. Bolla, F. Davoli, M. Repetto. "On-line Estimation of Road Traffic Conditions by Using Mobile Cellular Networks," in *8th World Congress on Intelligent Transport Systems*, Sept.-Oct. 2001. Sydney, Australia.
 - [C2] B. Pani, R. Bolla, F. Davoli, M. Repetto. "Radar-Based Identification of Vehicles' Classes for Microscopic Simulation in Traffic Prediction," in *8th World Congress on Intelligent Transport Systems*, Sept.-Oct. 2001. Sydney, Australia.
 - [C3] R. Bolla, F. Davoli, M. Repetto. "A Control Architecture for Quality of Service and Resource Allocation in Multiservice IP Networks," in *Proc. Internat. Workshop on Architectures for Quality of Service in the Internet (Art-QoS 2003)*, Warsaw, Poland, March 2003; Lecture Notes in Computer Science, 2698, Springer-Verlag, Berlin, 2003, pp. 49-63.
 - [C4] A. Alessandri, R. Bolla, M. Repetto. "Estimation of Freeway Traffic Variables Using Information from Mobile Phones," in *2003 American Control Conference*, Denver, CO, June 2003, pp. 4089-4094.
 - [C5] A. Alessandri, R. Bolla, M. Repetto. "Freeway Incident Detection Using Traffic Information from Mobile Phones," in *5th IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes (SAFEPROCESS 2003)*, Washington, D.C., USA, June 2003, pp. 1035-1040.
 - [C6] R. Bolla and M. Repetto. "A New Model for Traffic Forecast in Wireless Networks with Fast Mobile Users," in Proceedings of the 2003 International Symposium on Performance Evaluation of Computer and Telecommunication System (SPECTS 2003), 20-24 July 2003, Montreal, Canada. Edited by M. S. Obaidat, F. Davoli, E. Ferro, I. Onyuksel; Simulation Series, Volume 35, Number 4, pp. 153-158.
 - [C7] A. Alessandri, R. Bolla, M. Repetto and S. Trucco," in "A Model of Freeway Traffic Based on Wireless/ADS Information Network. *Proceedings of the 10th World Congress and Exhibition on Intelligent Transport Systems and Services*, 16-20 November 2003, Madrid, Spain.
 - [C8] R. Bolla, R. Bruschi and M. Repetto. "A Fluid Simulator for Aggregate TCP Connections," in Proceedings of the 2004 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2004), 25-29 July, San Jose, California – USA, pp. 5-10. Edited by M. S. Obaidat, A. Jamalipour, F. Davoli.
 - [C9] R. Bolla, R. Bruschi, F. Davoli and M. Repetto. "Analytical/Simulation Optimization System for Access Control and Bandwidth Allocation in IP Networks with QoS," in *Proceedings of the 2005 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2005)*, 24-28 July 2005, Philadelphia, PA – USA, pp. 339-348.

- [C10] R. Bolla, R. Bruschi, M. Canini and M. Repetto. "A High Performance IP Traffic Generation Tool Based on the Intel IXP2400 Network Processor," in *Proceedings of the 2005 Tyrrhenian International Workshop on Digital Communications (TIWDC 2005)*, 4-6 July 2005, Sorrento, Italy.
- [C11] A. Alessandri, R. Bolla, F. A. Grassia and M. Repetto. "Identification of Freeway Macroscopic Models Using Information from Mobile Phones," in *Proceedings of the 2006 American Control Conference*, June 14-16, 2006, Minneapolis, Minnesota – USA, pp. 3801-3806.
- [C12] A. Alessandri, R. Bolla and M. Repetto. "Identification of Parameters for Estimation of Freeway Traffic Using Information from a Mobile Cellular Network," in *11th IFAC Symposium on Control in Transportation Systems*, Delft, The Netherlands August 29-31, 2006, pp. 561-566.
- [C13] R. Bolla and M. Repetto. "Dynamic Bandwidth Allocation for Wireless Networks in High-Mobility Environments," in *49th annual IEEE Global Telecommunications Conference (IEEE GLOBECOM 2006)*, November 27-December 1, 2006, San Francisco, California – USA, pp. 1-5.
- [C14] R. Bolla, F. Davoli, M. Repetto, T. Fragopoulos, D. Serpanos, S. Chessa, E. Ferro. "Heterogeneous Networking in the Home Environment," in *Broadband Europe 2006 (BBEurope 06)*, Geneva, Switzerland, December 12-14, 2006.
- [C15] A. Alessandri, R. Bolla, M. Gaggero, M. Repetto. "Identification of freeway traffic dynamics using fluid and black-box nonlinear models," in *Proceedings of the 46th IEEE Conference on Decision and Control*, December 12-14, 2007, New Orleans, LA – USA, pp.2962-2967.
- [C16] R. Bolla, M. Repetto, S. Chessa, F. Furfari, B. Reiterer, H. Hellwagner, S. De Zutter, R. Van de Walle, M. Asbach, and M. Wien. "A Context-Aware Architecture for QoS and Transcoding Management of Multimedia Streams in Smart Homes," in *Proceedings of the 13th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2008)*, September 15-18, 2008, Hamburg, Germany, pp. 1354-1361.
- [C17] S. Chessa, S. Lenzi, F. Furfari, R. Bolla, R. Rapuzzi, M. Repetto. "Enabling Social and Distributed Interaction in the Future 3D Internet," in *Workshop on Hyper-media 3D Internet*, October 14, 2008, Geneva, Switzerland, pp. 13-22.
- [C18] R. Bolla, R. Rapuzzi, M. Repetto, S. Chessa, S. Lenzi, and F. Furfari. "Social Networking and Context Management for the Future 3D Internet," in *First International Workshop on Emerging Technologies in Rich Media Communications (RiMCET)*, Co-located with the First International Conference on COMMunication Systems and NETWORKS (COMSNETS 2009), January 5, 2009, Bangalore, India.
- [C19] R. Bolla, S. Mangialardi, R. Rapuzzi and M. Repetto. "Streaming multimedia contents to nomadic users in ubiquitous computing environments," in *2nd IEEE Workshop on Mobile Video Delivery (MoViD 2009)*, Rio de Janeiro, Brasile, 24 Aprile 2009.
- [C20] R. Bolla, A. Ranieri, R. Rapuzzi, and M. Repetto. "Moving Towards User-Centric Paradigms for Internet Mobility," in *Proceedings of the International InterMedia Summer school 2009*, June 9-12 2009, Chania (Crete), Greece, pp. 37-44.
- [C21] R. Bolla, R. Rapuzzi and M. Repetto. "Handling Mobility over the Network," in *Proceedings of the 4th International Conference on Future Internet Technologies (CFI 2009)*, June 17-19 2009, Seoul, Korea, pp. 16-19.
- [C22] R. Bolla, R. Rapuzzi, M. Repetto, P. Barsocchi, S. Chessa and S. Lenzi. "Automatic Multimedia Session Migration by means of a Context-Aware Mobility Framework," in *The International Conference for Mobility Technology, Applications and Systems (ACM Mobility Conference 2009)*, September 2-4 2009, Nice, France.
- [C23] R. Bolla, R. Rapuzzi and M. Repetto. "A User-Centric Mobility Framework for Multimedia Interactive Applications," in *The Sixth International Symposium on Wireless Communication Systems 2009 (ISWCS'09)*, September 7–10 2009, Siena, Italy, pp. 293-297.
- [C24] R. Bolla, R. Rapuzzi and M. Repetto. "On the Effectiveness of IEEE 802.11e Implementations in Real Hardware," in *The Sixth International Symposium on Wireless Communication Systems 2009 (ISWCS'09)*, September 7–10 2009, Siena, Italy, pp. 303-307.
- [C25] R. Bolla, R. Rapuzzi, M. Repetto. "An Integrated Mobility Framework for Pervasive Communications," in *IEEE Global Communications Conference (IEEE Globecom 2009)*, November 30 –December 4 2009, Honolulu, Hawaii – USA.
- [C26] R. Bolla, A. Ranieri, M. Repetto. "Exploiting DHT Functionalities for Pervasive Network Mobility," in *IEEE International Symposium on Wireless Pervasive Computing (ISWPC 2010)*, May 5-7, 2010, Modena, Italy, pp. 349-354.
- [C27] R. Bolla, A. Ranieri, M. Repetto. "Performance Evaluation of a DHT-based Integrated Mobility Architecture," in *Proceedings of the 2010 International Symposium on Performance Evaluation of*

Computer and Telecommunication Systems (SPECTS2010), Ottawa, Canada, July 11-14, 2010, pp. 14-21.

- [C28] R. Bolla, R. Rapuzzi, M. Repetto. "User-centric Mobility for Multimedia Communications: Experience and User Evaluation from a Live Demo," in *Proceedings of the 2010 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2010)*, Ottawa, Canada, July 11-14, 2010, pp. 210-217.
- [C29] M. Repetto, R. Rapuzzi, S. Chessa, S. Lenzi, J. Gialelis and T. Fragopoulos. "The InterMedia networking and security architecture for user centric multimedia convergence," in *Proceedings of the 2010 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2010)*, Ottawa, Canada, July 11-14, 2010, pp. 194-201.
- [C30] R. Bolla, R. Rapuzzi, M. Repetto. "User evaluation of dynamic user-centric networking," in *4th Intermedia OpenForum*, co-locate with the 2nd International ICST Conference on User Centric Media, Palma de Mallorca, Spain, September 1, 2010.
- [C31] R. Khan, R. Bolla, M. Repetto, R. Bruschi, M. Giribaldi," in "Smart Proxying for Reducing Network Energy Consumption. Proceedings of the 2012 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS2012), Genoa, Italy, July 8-11, 2012.
- [C32] R. Bolla, M. Giribaldi, R. Khan and M. Repetto. "Smart Proxying: An Optimal Strategy for Improving Battery Life of Mobile Devices," in *2013 International Green Computing Conference*, Arlington, Virginia – USA, June 27-29, 2013.
- [C33] R. Bolla, M. Giribaldi, R. Khan and M. Repetto. "Network Connectivity Proxy: An Optimal Strategy for Reducing Energy Waste in Network Edge Devices," in *The 24th Tyrrhenian International Workshop on Digital Communications (TIWDC 2013 "Green ICT")*, Genoa, Italy, September 23-25, 2013.
- [C34] R. Bolla, M. Giribaldi, R. Khan and M. Repetto. "Design of Home Energy Gateway Boosting the Development of Smart Grid Applications at Home," in *The 4th International Conference on Energy Aware Computing Systems & Applications (2013 ICEAC)*, Istanbul, Turkey, December 16-18, 2013, pp. 103-108.
- [C35] R. Bolla, M. Chiappero, R. Rapuzzi and M. Repetto. "Seamless and transparent migration for TCP sessions," in *IEEE 25th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC)*, Washington DC – USA, September 2-5, 2014.
- [C36] R. Bolla, R. Khan, X. Parra and M. Repetto. "Improving Smartphones Battery Life by Reducing Energy Waste of Background Applications," in *The 8th International Conference on Next Generation Mobile Apps, Services and Technologies (NGMAST2014)*, Oxford, UK, September 10-12, 2014, pp. 123-130.
- [C37] R. Bolla, M. Chiappero, M. Giribaldi and M. Repetto. "A Client-Side Architecture to Support Energy Efficiency for Upcoming Networks," in *Workshop on Energy-efficiency, Programmability, Flexibility and Integration in Future Network Architectures (EPFI)*, Karlskrona, Sweden, September 12th, 2014.
- [C38] R. Bolla, L. Sambolino, D. Tigano and M. Repetto. "Enhancing Energy-Efficient Cloud Management through Code Annotations and the Green Abstraction Layer," in *First International Workshop on Sustainable Data Centres and Cloud Computing (SD3C)*, in Proceedings of the 2015 IEEE/ACM 8th International Conference on Utility and Cloud Computing (UCC), Limassol, Cyprus, December 7th, 2015, pp. 534-539.
- [C39] A. Carrega and M. Repetto. "Exploiting Novel Software Development Paradigms to Increase the Sustainability of Data Centers," in *Second International Workshop on Sustainable Data Centres and Cloud Computing (SD3C)*, in Proceedings of the 9th IEEE/ACM International Conference on Utility and Cloud Computing (UCC 2016), December 6th-9th, 2016, Shanghai, China.
- [C40] A. Carrega and M. Repetto. "A Network-Centric Architecture for Building the Cloud Continuum," in *2017 International Conference on Computing, Networking and Communications (ICNC)*, Silicon Valley, USA, January 26th-29th, 2017.
- [C41] D. Kanapram, G. Lamanna and M. Repetto. "Exploring the trade-off between performance and energy consumption in cloud infrastructures," in *2nd IEEE International Conference on Fog and Edge Mobile Computing (FMEC 2017)*, Valencia, Spain, May, 8th-11th, 2017, pp. 121-126.
- [C42] D. Kanapram, R. Rapuzzi, G. Lamanna and M. Repetto. "A framework to correlate power consumption and resource usage in cloud infrastructures," in *First IEEE International Workshop on Network Programmability – From the Data Center to the Ground*, Bologna, Italy, July, 3rd-7th, 2017.
- [C43] A. Carrega and M. Repetto. "Energy-Aware Consolidation Scheme for Data Center Cloud Applications," in *First International Workshop on Softwarized Infrastructures for 5G and Fog Computing (Soft5 2017)*, Genoa, Italy, September, 4th-8th, 2017, pp. 24-29.

- [C44] R. Bolla, P. M. Comi, and M. Repetto. "A distributed cyber-security framework for heterogeneous environments," in *Second Italian Conference on Cyber Security (ITASEC18)*, Milan, Italy, February, 6th-9th, 2018.
- [C45] A. Carrega, G. Portomauro, M. Repetto and G. Robino. "OpenStack extensions for QoS and energy efficiency in edge computing," in *3rd IEEE International Conference on Fog and Edge Mobile Computing (FMEC 2018)*, Barcelona, Spain. April 23-26, 2018, pp. 50-57. *Nominated for the Best Paper Award*.
- [C46] S. Covaci, R. Rapuzzi, M. Repetto, F. Risso. "A New Paradigm to Address Threats for Virtualized Services," in *IEEE 42nd Annual Computer Software and Applications Conference (COMPSAC)*, Tokyo, Japan, July 23rd-27th, 2018, pp. 689-694.
- [C47] A. Carrega, M. Repetto, F. Risso, S. Covaci, A. Zafeiropoulos, T. Giannetsos and O. Toscano. "Situational Awareness in Virtual Networks: the ASTRID Approach," in *IEEE 7th International Conference on Cloud Networking (CloudNet)*, Tokyo, Japan, October, 22nd-24th, 2018.
- [C48] A. Carrega, M. Repetto. "Cloud Applications Consolidation through Context Information and Heuristic Optimization," in *The 28th International Telecommunication Networks and Application Conference (ITNAC 2018)*, Sydney, Australia, November, 21st-23rd, 2018.
- [C49] R. Bolla, A. Carrega, M. Repetto. "An abstraction layer for cybersecurity context," in *International Workshop on Computing, Networking and Communications (CNC)*, Honolulu, Hawaii, USA, February 18th-21st, 2019, pp. 214-218.
- [C50] M. Repetto, A. Carrega, G. Lamanna. "An architecture to manage security services for cloud applications," *4th IEEE International Conference on Computing, Communication & Security (ICCCS-2019)*, Rome, Italy, October 10th-12th, 2019. DOI: 10.1109/ICCCS.2019.8888061.
- [C51] M. Repetto, A. Carrega, G. Lamanna. "Towards Novel Security Architectures for Network Functions Virtualization," *IEEE Conference on Network Function Virtualization and Software Defined Networks (IEEE NFV-SDN)*, Dallas, Texas, USA, November 12th-14th, 2019.
- [C52] M. Repetto, A. Carrega, J. Yusupov, F. Valenza, F. Risso, G. Lamanna. "Automated Security Management for Virtual Services," *IEEE Conference on Network Function Virtualization and Software Defined Networks (IEEE NFV-SDN)*, Dallas, Texas, USA, November 12th-14th, 2019.
- [C53] A. Carrega, M. Repetto. "Data Log Management for Cyber-Security Programmability of Cloud Services and Applications," *1st Workshop on Cyber-Security Arms Race (CYSARM)*, co-located with the 26th ACM Conference on Computer and Communications Security. London, UK, November 15th, 2019. DOI: 10.1145/3338511.3357351.
- [C54] M. Repetto, A. Carrega, and A. Duzha. A Novel Cyber-Security Framework Leveraging Programmable Capabilities in Digital Services. *Proceedings of the Fourth Italian Conference on CyberSecurity (ITASEC20)*, Ancona, Italy, February 4th-7th, 2020, pp. 201-211.
- [C55] A. Carrega, L. Caviglione, M. Repetto, M. Zuppelli. Programmable Data Gathering for Detecting Stegomalware. *2nd International Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)*, co-located with NetSoft'2020, Ghent, Belgium (Virtual Conference), July 3rd, 2020.
- [C56] M. Zuppelli, L. Caviglione, M. Repetto. Detecting Covert Channels Through Code Augmentation. *Italian Conference on CyberSecurity (ITASEC)*, April 7th-9th, 2021.
- [C57] O. R. Sanchez, M. Repetto, A. Carrega, R. Bolla, and J. F. Pajo. Feature Selection Evaluation towards a Lightweight Deep Learning DDoS Detector. *IEEE International Conference on Communications*, Montreal, Canada (Virtual Conference), June 14th-23rd 2021. DOI: 10.1109/ICC42927.2021.9500458.
- [C58] L. Caviglione, M. Zuppelli, W. Mazurczyk, A. Shaffhauser, M. Repetto. Code Augmentation for Detecting Covert Channels Targeting the IPv6 Flow Label. *3rd International Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)*, July 2nd, 2021, Tokyo, Japan. DOI: 10.1109/NetSoft51509.2021.9492661.
- [C59] O. R. Sanchez, M. Repetto, A. Carrega, R. Bolla. Evaluating ML-based DDoS Detection with Grid Search Hyperparameter Optimization. *3rd International Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)*, July 2nd, 2021, Tokyo, Japan. DOI: 10.1109/NetSoft51509.2021.9492633.
- [C60] M. Repetto, A. Carrega, G. Lamanna, J. Yusupov, O. Toscano, G. Bruno, M. Nuovo, M. Cappelli. Leveraging the 5G architecture to mitigate amplification attacks. *3rd International Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)*, July 2nd, 2021, Tokyo, Japan. DOI: 10.1109/NetSoft51509.2021.9492545.

- [C61] M. Repetto, L. Caviglione, M. Zuppelli. bccstego: A Framework for Investigating Network Covert Channels. *The 5th International Workshop on Criminal Use of Information Hiding (CUING 2021)*, co-located with The 16th International Conference on Availability, Reliability and Security (ARES 2021), August, 16th-20th, 2021. DOI: 10.1145/3465481.3470028.
- [C62] M. Repetto, A. Duzha, J. Kolodziej. "A cybersecurity framework to guarantee reliability and trust for digital service chains – GUARD," in *22nd IEEE/ACM International Symposium on Cluster, Cloud and Internet Computing (CCGrid)*, Taormina (Messina), Italy, May 16-19, 2022, pp. 763-766.
- [C63] M. Repetto, G. Lamanna. Evaluation of the data handling pipeline of the ASTRID framework. *4th International Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)*, July 1st, 2022, Milan, Italy. To appear.

Poster sessions

Poster

-
- [P1] R. Bolla, R. Bruschi, M. Canini and M. Repetto. "Open Source Traffic Generation (and Measurement) PktGen Application with the IXP2400 Network Processor," in 10th EMEA Academic Forum, Intel Higher Education Programme, Poster Session, 18-20 March 2005, Gdansk, Poland.
 - [P2] A. Peternier, G. Papagiannakis, P. Barsocchi, A. Kirykou, M. Repetto and T. Fragopoulos. "Chloe@University: an indoor, mobile mixed reality guidance system," in Proceedings of the ACM Symposium on Virtual Reality Software and Technology (VRST07), November 5-7, 2007, Newport Beach, California – USA, pp. 227-228.
 - [P3] R. Khan, R. Bolla, M. Repetto. "Design of UPnP based Cooperative Network Connectivity Proxy," in The Second IFIP Conference on Sustainable Internet and ICT for Sustainability (SustainIT), Pisa, Italy, October 4-5, 2012.
 - [P4] R. Bolla, M. Giribaldi, R. Khan and M. Repetto. "Cooperative Proxying: An Approach to Reduce Network Energy Waste." Extended abstract. Student Poster Session. In INFOCOM 2013, Turin, Italy, April 14, 2013. Available: <http://infocom.di.unimi.it/images/stories/infocom/studentposter/1569713995.pdf>.
 - [P5] R. Rapuzzi, M. Repetto, D. Tigano. "Beyond Transmission Performance: 5G Opportunities for Developing e-Energy Applications," in Proceedings of the Ninth International Conference on Future Energy Systems (e-Energy '18), Karlsruhe, Germany, June 12th -15th, 2018, pages 402-404. DOI: 10.1145/3208903.3212039.
 - [P6] M. Repetto, A. Duzha, J. Kolodziej. "A cybersecurity framework to guarantee reliability and trust for digital service chains – GUARD," in The 22nd IEEE/ACM International Symposium on Cluster, Cloud and Internet Computing, Taormina (Messina), Italy, May 16-19, 2022.

Technical reports

Rapporti tecnici

-
- [T1] F. Davoli, M. Repetto, C. Tornelli, G. Proserpio, F. Cucchiatti. Boosting Smart Grids Through Energy Efficient ICT. ITU-T Publications on ICTs, the Environment and Climate Change, September 2012, Geneva, Switzerland. Available: <http://www.itu.int/ITU-T/climatechange/report-smartgrids.html>.

Demos

Dimostrazioni

-
- [D1] Session migration for multimedia interactive communications. Festival della Scienza 2009, Genoa, Italy, October 23-24, 2009.
 - [D2] Personal Mobility. InterMedia Café, Athens, Greece, May 27-28, 2010.
 - [D3] Live demonstration of the NCP prototype. Home Gateway Initiative (HGI) General Meeting, Turin, Italy, March 18-22, 2013.
 - [D4] Live demonstration of the NCP prototype. Future Networks and Mobile Summit (FUNEMS 2013), Lisbon, Portugal, July 3-5, 2013.
 - [D5] Smart Proxying: Reducing Energy Waste in Network Devices During Idle Periods. IEEE online conference on Green Communications (IEEE GreenComm), October 29-31, 2013.
 - [D6] The Network Connection Proxy. Maintaining connectivity on behalf of sleeping devices. Public demo on YouTube. Available: <http://www.youtube.com/watch?v=kqm3VLhZb-w> (full version), <http://www.youtube.com/watch?v=SXU0sfOTOXE> (short version).

- [D7] Automated Security Management for Virtual Services. IEEE Conference on Network Function Virtualization and Software Defined Networks (IEEE NFV-SDN), Dallas, Texas, USA, November 12th-14th, 2019.
- [D8] The ASTRID framework. Mediterranean Security Event 2019 (MSE2019), Fodele Beach, Crete, Greece, October 29th-31st, 2019.

Annex B Editorial activities

Allegato B Attività editoriali

Editorial boards

Comitati editoriali

Serie <i>Collana</i>	LNCS Springer Nature series, 13300, April 2022
Role <i>Ruolo</i>	Guest editor <i>Editore occasionale</i>
Volume <i>Volume</i>	Cybersecurity of Digital Service Chains: Challenges, Methodologies and Tools
Period <i>Periodo</i>	2022
Journal <i>Rivista</i>	Computer networks
Role <i>Ruolo</i>	Guest editor <i>Editore occasionale</i>
Volume <i>Volume</i>	Special issue on novel cyber-security paradigms for software-defined and virtualized systems
Period <i>Periodo</i>	2020-2021

Conference committees

Organizzazione di conferenze

Conference/Workshop <i>Conferenza/Workshop</i>	4th Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)
Role <i>Ruolo</i>	General co-chair <i>Co-organizzatore generale</i>
Place <i>Luogo</i>	Milano, Italy
Date <i>Data</i>	1 Lug 2022
Conference/Workshop <i>Conferenza/Workshop</i>	2nd Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)
Role <i>Ruolo</i>	General co-chair <i>Co-organizzatore generale</i>
Place <i>Luogo</i>	Ghent, Belgium
Date <i>Data</i>	3 Lug 2020

Conference/Workshop
Conferenza/Workshop Mediterranean Security Event 2019 (MSE)

Role Organizing committee member
Ruolo *Membro del comitato organizzatore*

Place Candia (Crete), Greece
Luogo

Date 29-31 Oct 2019
Data

Conference/Workshop
Conferenza/Workshop 1st Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)

Role General co-chair
Ruolo *Co-organizzatore generale*

Place Paris, France
Luogo

Date 24 Jun 2019
Data

Conference/Workshop
Conferenza/Workshop International Teletraffic Congress (ITC29)

Role Local organizing committee member
Ruolo *Membro del comitato locale di organizzazione*

Place Genova, Italy
Luogo

Date 4-8 Sep 2017
Data

Reviewer
Revisore

Journal/Conferences
Riviste/Conferenze IEEE Globecom, IEEE International Conference on Communications (ICC), EUCNC, INGRID, IEEE International Symposium on Wireless Pervasive Computing, IEEE GreenCom, IEEE SmartGridComm, International Journal of Communication Networks and Distributed Systems, Journal of Networks, Computer Networks, Journal on Selected Areas in Communications, IEEE Internet of Things Journal, Transactions on Emerging Telecommunications Technologies, Multimedia Tools and Applications. Elsevier Computer Communications, IEEE Transactions on Network and System Management, IEEE Security & Privacy, Pervasive and Mobile Computing, Future Generation Computer Systems

Period From 2001 to present
Periodo *Dal 2001 ad oggi*

Technical committees
Partecipazione a comitati tecnici

Conference/Workshop
Conferenza/Workshop 3rd International Workshop on Secure Mobile Cloud Computing (IWSeMC-22)

Place Taormina, Italy

Luogo

Date 16-19 May 2022

Data

Conference/Workshop 2nd International Workshop on Secure Mobile Cloud Computing (IWSeMC-21)
Conferenza/Workshop

Place Melbourne, Victoria, Australia

Luogo

Date 10-13 May 2021

Data

Conferenza/Workshop European Interdisciplinary Cybersecurity Conference
Conferenza/Workshop

Place Couvent des Jacobins, Rennes, France

Luogo

Date 18 Nov 2020

Data

Conference/Workshop 1st Workshop on Dependability and Safety Emerging Cloud and Fog Systems (DeSECSyS)
Conferenza/Workshop

Place Guildford, United Kingdom

Luogo

Date 17-18 Sep 2020

Data

Conference/Workshop 2nd Workshop on Cyber-Security Arms Race (CYSARM)
Conferenza/Workshop

Place Orlando, USA

Luogo

Date 13 Nov 2020

Data

Conference/Workshop 1st Workshop on Cyber-Security Arms Race (CYSARM)
Conferenza/Workshop

Place London, UK

Luogo

Date 15 Nov 2019

Data

Conference/Workshop 6th International Conference on Internet of Things: Systems, Management and Security (IOTSMS 2019)
Conferenza/Workshop

Place Granada, Spain

Luogo

Date 22-25 Oct 2019

Data

- Conference/Workshop
Conferenza/Workshop 4th IEEE International Conference on Fog and Mobile Edge Computing (FMEC 2019)
- Place Roma, Italia
Luogo
- Date 10-13 Jun 2019
Data
- Conference/Workshop
Conferenza/Workshop 5th International Conference on Internet of Things: Systems, Management and Security (IOTSMS 2018)
- Place Valencia, Spain
Luogo
- Date 15-18 Oct 2018
Data
- Conference/Workshop
Conferenza/Workshop 3rd IEEE International Conference on Fog and Mobile Edge Computing (FMEC 2018)
- Place Barcellona, Spain
Luogo
- Date 23-26 Apr 2018
Data
- Conference/Workshop
Conferenza/Workshop 2nd IEEE International Conference on Fog and Mobile Edge Computing (FMEC 2017)
- Place Valencia, Spain
Luogo
- Date 8-11 May 2017
Data
- Conference/Workshop
Conferenza/Workshop First IEEE International Workshop on Network Programmability – From the Data Center to the Ground (NetFoG 2017)
- Place Bologna, Italy
Luogo
- Date 3-7 Jul 2017
Data
- Conference/Workshop
Conferenza/Workshop First International Workshop on Programmability for Cloud Networks and Applications (PROCON 2016)
- Place Würzburg, Germany
Luogo
- Date 12 Sep 2016
Data
- Conference/Workshop
Conferenza/Workshop International Telecommunication Networks and Applications Conference (ITNAC)
- Place Melbourne, Australia

Luogo

Date 26-28 Nov 2014

Data

Conference/Workshop 22nd ITC Specialist Seminar on Energy Efficient and Green Networking (SSEEGN 2013)
Conferenza/Workshop

Place Christchurch, New Zealand

Luogo

Date 20-22 Nov 2013

Data

Conference/Workshop International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS 2012)
Conferenza/Workshop

Place Genova, Italy

Luogo

Date 8-11 Jul 2012

Data

Conference/Workshop International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS 2011)
Conferenza/Workshop

Place The Hague, Netherlands

Luogo

Date 27-30 Jun 2011

Data

Conference/Workshop International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS 2010)
Conferenza/Workshop

Place Ottawa, Canada

Luogo

Date 11-14 Jul 2010

Data

Annex C Research projects

Allegato C Progetti di ricerca scientifici ed industriali

International projects Progetti internazionali

Name <i>Nome</i>	GUARD – A cyber-security framework to GUArantee Reliability and trust for Digital service chains
Role <i>Responsabilità</i>	Scientific/technical coordinator, Local principal investigator <i>Coordinatore tecnico/scientifico, Responsabile scientifico unità di ricerca</i>
Website <i>Sito web</i>	https://guard-project.eu/
Funding <i>Finanziamento</i>	H2020 Innovation Action
Period <i>Periodo</i>	01/05/2019 – 30/4/2022
Notes <i>Note</i>	Proposal writer <i>Autore della proposta</i>
Name <i>Nome</i>	ASTRID – AddreSsing ThReats for vrtualiseD services
Role <i>Responsabilità</i>	Scientific/technical coordinator, Local principal investigator <i>Coordinatore tecnico/scientifico, Responsabile scientifico unità di ricerca</i>
Website <i>Sito web</i>	https://www.astrid-project.eu/
Funding <i>Finanziamento</i>	H2020 Research and Innovation Action
Period <i>Periodo</i>	01/05/2018 – 30/6/2021
Notes <i>Note</i>	Proposal writer <i>Autore della proposta</i>
Name <i>Nome</i>	SIMARGL – Secure Intelligent Methods for Advanced Recognition of Malware and Stegomalware
Role <i>Responsabilità</i>	Participant <i>Partecipante</i>
Website <i>Sito web</i>	https://simargl.eu/
Funding <i>Finanziamento</i>	H2020 Innovation Action
Period <i>Periodo</i>	09/12/2019 – 30/4/2022
Name <i>Nome</i>	ARCADIA – A novel reconfigurable-by-design highly distributed applications development paradigm over programmable infrastructure

Role Participant
Responsabilità *Partecipante*

Website <http://www.arcadia-framework.eu>
Sito web

Funding H2020 Research and Innovation Action
Finanziamento

Period 01/01/2015 – 31/12/2017
Periodo

Name FI-CORE – Future Internet - Core
Nome

Role Local principal investigator
Responsabilità *Responsabile scientifico unità di ricerca*

Website <https://www.fiware.org/>
Sito web

Funding FP7 Collaborative Project
Finanziamento

Period 01/03/2016 – 31/12/2016
Periodo

Notes Proposal writer in response to Open Call
Note *Autore della proposta in risposta alla Open Call*

Name ECONET – low Energy CONsumption NETworks
Nome

Role Participant
Responsabilità *Partecipante*

Website <http://www.econet-project.eu/>
Sito web

Funding FP7 Integrated Project
Finanziamento

Period 01/10/2010 – 31/12/2013
Periodo

Name INTERMEDIA – Interactive Media with Personal Networked Devices
Nome

Role Participant
Responsabilità *Partecipante*

Website <http://intermedia.miralab.unige.ch>
Sito web

Funding FP6 Network of Excellence
Finanziamento

Period 01/10/2006 – 30/09/2010
Periodo

Progetti nazionali

Name ASINFO – Architetture di sistema e Servizi Integrati per l'INFOmobilità, a supporto della

<i>Nome</i>	mobilità delle persone e delle merci, e della gestione dei connessi servizi di trasporto e di logistica
Role	Participant
<i>Responsabilità</i>	Partecipante
Funding	MIUR/MAE FAR (Fondo per le Agevolazioni alla Ricerca)
<i>Finanziamento</i>	
Period	2010 – 2011
<i>Periodo</i>	
Name	ACIS – Advanced Cooperative Infomobility Systems
<i>Nome</i>	
Role	Participant
<i>Responsabilità</i>	Partecipante
Funding	Distretto Tecnologico Ligure
<i>Finanziamento</i>	
Period	2009 – 2011
<i>Periodo</i>	
Name	PRAI/FESR 2000-2006 (bando CNR PRAI-LIGURIA/RM/AR/03 del 20/10/2005)
<i>Nome</i>	
Role	Participant
<i>Responsabilità</i>	Partecipante
Funding	PRAI (Programma Regionale di Azioni Innovative) Liguria
<i>Finanziamento</i>	
Period	2005 – 2007
<i>Periodo</i>	
Name	TANGO – Algoritmi e modelli dell'ingegneria del traffico per l'ottimizzazione di reti IP di nuova concezione
<i>Nome</i>	
Role	Participant
<i>Responsabilità</i>	Partecipante
Funding	MIUR FIRB
<i>Finanziamento</i>	
Period	2002 – 2004
<i>Periodo</i>	
Name	VICOM – Virtual Immersive COMmunication
<i>Nome</i>	
Role	Participant
<i>Responsabilità</i>	Partecipante
Funding	MIUR FIRB
<i>Finanziamento</i>	
Period	2002 – 2005
<i>Periodo</i>	

Name NEBULA – End-to-end Quality of Service (QoS) control in multidomain IP networks
Nome

Role Participant
Responsabilità Partecipante

Website http://prin.cineca.it/cgi-bin/relazioni/form-vis_form2000.pl
Sito web

Funding MIUR PRIN
Finanziamento

Period 2001 – 2002
Periodo

Name Planet-IP – PLAnning IP NETworks
Nome

Role Participant
Responsabilità Partecipante

Website http://prin.cineca.it/cgi-bin/relazioni/form-vis_form2000.pl
Sito web

Funding MIUR PRIN
Finanziamento

Period 2001 – 2002
Periodo

Name Servizi eterogenei a qualità garantita in ambienti ad hoc network misti IEEE 802.11 e Bluetooth con protocolli TCP/IP; sperimentazione, validazione di strumenti di simulazione e studio e simulazione di tecniche per la Qualità del Servizio (QoS)
Nome

Role Principal investigator
Responsabilità Responsabile

Funding Progetto giovani ricercatori Università di Genova
Finanziamento

Period 2002
Periodo

Industrial projects

Progetti industriali

Name PLC network for data collection in smart city applications
Nome Progetto rete PLC per acquisizione dati in applicazioni smart city

Role Consulting
Responsabilità Consulente

Client HiMarc, Genova
Committente

Period 2017
Periodo

Name Development of IEEE 802.1d protocol on PowerPC/Marvel chip platform
Nome Sviluppo del protocollo IEEE 802.1d su piattaforma PowerPC/chip Marvel

Role Participant
Responsabilità Partecipante

Client Selex, Genova
Committente

Period 2006 – 2007
Periodo

Name Development of traffic genetarotr for Intel IXP2400
Nome Sviluppo del generatore di traffico per Intel IXP2400

Role Participant
Responsabilità Partecipante

Client Intel, United Kingdom
Committente

Period 2004 – 2005
Periodo

Annex C Teaching activity

ALLEGATO C Didattica

PhD courses

Corsi di dottorato

Class <i>Insegnamento</i>	Network Monitoring and Inspection
Course <i>Corso</i>	PhD program in Computer Science and System Engineering <i>Dottorato di Ricerca in Informatica e Ingegneria dei Sistemi</i>
Organization <i>Istituto</i>	University of Genoa <i>Università di Genova</i>
Period <i>Periodo</i>	2-5 May 2022
Duration (hours) <i>Durata (ore)</i>	20

Seminars

Seminari

Name <i>Nome</i>	Cloud Services Security: modern approaches and trends
Insegnamento <i>Class</i>	Cyber Security (cod. 90622) Internet Technologies: Architectures And Protocols (cod. 90147)
Corso <i>Course</i>	Laurea Magistrale Internet and Multimedia Engineering
Organization <i>Istituto</i>	University of Genoa <i>Università di Genova</i>
Date <i>Data</i>	14 Dec 2020
Duration (hours) <i>Durata (ore)</i>	2

Name <i>Nome</i>	Security in Telecommunication networks
Class <i>Insegnamento</i>	Computer Science <i>Informatica</i>
Course <i>Corso</i>	Accounting and programming Mercurio <i>Ragioniere programmatore Mercurio</i>
Organization <i>Istituto</i>	IIS "V. Emanuele II – Ruffini", Genova
Date <i>Data</i>	31 Mar 2009
Duration (hours) <i>Durata (ore)</i>	1

Sicurezza nelle reti di Telecomunicazioni

Post-academic courses

**Formazione post-
universitaria**

Class <i>Insegnamento</i>	Protocolli applicativi, Sicurezza delle reti: protocolli con cifratura; certificati, VPN. Tecniche per l'interfacciamento e l'autenticazione degli utenti in strutture di rete. Radius
Course <i>Corso</i>	Corso di formazione in "SISTEMISTA DI II LIVELLO IN RETI TELEMATICHE"- VI edizione " a.a. 2020/2021
Organization <i>Istituto</i>	Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Period <i>Periodo</i>	Dic. 2020-Gen. 2021
Duration (hours) <i>Durata (ore)</i>	37
Class <i>Insegnamento</i>	Strumenti per l'analisi del traffico di rete
Course <i>Corso</i>	Corso di formazione in "Amministratori S.O. Unix/Linux" VI edizione
Organization <i>Istituto</i>	Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Period <i>Periodo</i>	Nov 2019
Duration (hours) <i>Durata (ore)</i>	4
Class <i>Insegnamento</i>	Sicurezza delle Telecomunicazioni
Course <i>Corso</i>	Corso di Formazione in "SISTEMISTA DI II LIVELLO IN RETI TELEMATICHE" V edizione
Organization <i>Istituto</i>	Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Period <i>Periodo</i>	Ott/Nov 2019
Duration (hours) <i>Durata (ore)</i>	37
Class <i>Insegnamento</i>	Sicurezza delle Telecomunicazioni
Course <i>Corso</i>	Corso di perfezionamento in Telecomunicazioni, 5 ^a edizione
Organization <i>Istituto</i>	Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Period <i>Periodo</i>	Dic 2015
Duration (hours) <i>Durata (ore)</i>	23 (+ 3 for final exam) 23 (+ 3 per esame)

Class Sicurezza delle Telecomunicazioni
Insegnamento

Course Corso di perfezionamento in Telecomunicazioni, 4^a edizione
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period Feb/Mar 2015
Periodo

Duration (hours) 23 (+ 3 for final exam)
Durata (ore) 23 (+ 3 per esame)

Class Sicurezza delle Telecomunicazioni
Insegnamento

Course Corso di perfezionamento in Telecomunicazioni, 3^a edizione
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period Nov 2013
Periodo

Duration (hours) 23 (+ 3 for final exam)
Durata (ore) 23 (+ 3 per esame)

Class Sicurezza delle Telecomunicazioni
Insegnamento

Course Corso di perfezionamento in Telecomunicazioni, 2^a edizione
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period May 2011
Periodo

Duration (hours) 12
Durata (ore)

Class Sicurezza delle Telecomunicazioni
Insegnamento

Course Master universitario di II livello in Telecomunicazioni, IV edizione
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period May 2011
Periodo

Duration (hours) 12
Durata (ore)

Class Sicurezza delle Telecomunicazioni
Insegnamento

Course Master universitario di II livello in Telecomunicazioni, III edizione
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period Nov 2010
Periodo

Duration (hours) 12
Durata (ore)

Class Sicurezza delle Telecomunicazioni
Insegnamento

Course Corso di perfezionamento in Telecomunicazioni
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period May 2010
Periodo

Duration (hours) 12
Durata (ore)

Class Sicurezza delle Telecomunicazioni
Insegnamento

Course Master universitario di II livello in Telecomunicazioni, II edizione
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period Jul 2009
Periodo

Duration (hours) 12
Durata (ore)

Class Sicurezza delle Telecomunicazioni
Insegnamento

Course Master universitario di I livello in Telecomunicazioni, II edizione
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period Jun/Jul 2009
Periodo

Duration (hours) 12
Durata (ore)

Class Sicurezza ICT – Modulo base
Insegnamento

Course Corso di formazione specialistica
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period Sep 2008
Periodo

Duration (hours) 7
Durata (ore)

Class **Sicurezza delle Telecomunicazioni**
Insegnamento

Course Master universitario di II livello in Telecomunicazioni
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period Jun/Jul 2008
Periodo

Duration (hours) 11
Durata (ore)

Class **Sicurezza delle Telecomunicazioni**
Insegnamento

Course Master universitario di I livello in Telecomunicazioni
Corso

Organization Università di Genova, c/o Scuola Telecomunicazioni FF.AA. – STELMILIT – Chiavari
Istituto

Period Jun 2008
Periodo

Duration (hours) 7
Durata (ore)

Class **Reti wireless**
Insegnamento

Course Master Universitario integrato di II livello “Tecnologie avanzate per Sistemi Intelligenti Integrati”
Corso

Organization Progetti di formazione integrata post-laurea da realizzare con il contributo del Fondo Sociale Europeo 2000-2006 – Programma Operativo Regione Liguria – Obiettivo 4 Misura C3 e D4 periodo 2007/2008
Istituto

Period 2008
Periodo

Duration (hours) 4
Durata (ore)

Academic courses *Formazione universitaria*

Name **Standard 802.11 (WiFi)**
Nome

Class Architetture e protocolli per reti wireless 1
Insegnamento

Course Laurea in Ingegneria Informatica
Corso

Organization Università di Genova
Istituto

Period <i>Periodo</i>	A.A. 2006/2007
Duration (hours) <i>Durata (ore)</i>	15
Notes <i>Note</i>	Training and support to main teaching <i>Esercitazioni e supporto alla didattica</i>
Name <i>Nome</i>	Standard 802.11 (WiFi)
Class <i>Insegnamento</i>	Telematica 2
Course <i>Corso</i>	Laurea in Ingegneria delle Telecomunicazioni
Organization <i>Istituto</i>	Università di Genova
Period <i>Periodo</i>	A.A. 2006/2007
Duration (hours) <i>Durata (ore)</i>	15
Notes <i>Note</i>	Training and support to main teaching <i>Esercitazioni e supporto alla didattica</i>
Name <i>Nome</i>	Introduzione ad IPv6 ed alle problematiche di sicurezza nelle reti di telecomunicazioni
Class <i>Insegnamento</i>	Telematica 1
Course <i>Corso</i>	Laurea in Ingegneria delle Telecomunicazioni
Organization <i>Istituto</i>	Università di Genova
Period <i>Periodo</i>	A.A. 2005/2006
Duration (hours) <i>Durata (ore)</i>	15
Name <i>Nome</i>	Standard IEEE 802.11 e Bluetooth
Class <i>Insegnamento</i>	Telematica 2
Course <i>Corso</i>	Laurea in Ingegneria delle Telecomunicazioni
Organization <i>Istituto</i>	Università di Genova
Period <i>Periodo</i>	A.A. 2005/2006
Duration (hours) <i>Durata (ore)</i>	15

Name Wireless LAN: standard IEEE 802.11 e Bluetooth
Nome

Class Architetture e protocolli per reti Wireless 1
Insegnamento

Course Laurea in Ingegneria Informatica
Corso

Organization Università di Genova
Istituto

Period A.A. 2004/2005
Periodo

Duration (hours) 12
Durata (ore)

Name Standard IEEE 802.11 e Bluetooth
Nome

Class Telematica 2
Insegnamento

Course Laurea in Ingegneria delle Telecomunicazioni
Corso

Organization Università di Genova
Istituto

Period A.A. 2004/2005
Periodo

Duration (hours) 15
Durata (ore)

Name Protocollo TCP e controllo di flusso in reti a pacchetto
Nome

Class Telematica 3
Insegnamento

Course Laurea in Ingegneria delle Telecomunicazioni
Corso

Organization Università di Genova
Istituto

Period A.A. 2003/2004
Periodo

Duration (hours) 15
Durata (ore)

Name Introduzione alle problematiche di sicurezza nelle reti di telecomunicazioni
Nome

Class Telematica 2
Insegnamento

Course Laurea in Ingegneria delle Telecomunicazioni
Corso

Organization Università di Genova
Istituto

Period A.A. 2002/2003

Periodo
Duration (hours) 8
Durata (ore)

Vocational training

Formazione professionale

Class **Bash scripting**
Insegnamento

Course RLOF20ITS/7/2 Tecnico Superiore per i metodi e le tecnologie per lo sviluppo di sistemi software
Corso 2020/2022 – Ciclo 10.2_2, Modulo M9 - IT Service Management

Organization ITS-ICT Accademia Digitale, Genova
Istituto

Period May – Jun 2022
Periodo

Duration (hours) 15
Durata (ore)

Course **Network Security**
Corso

Client Jobiz, Salerno
Committente

Period Jan 2017
Periodo

Duration (hours) 24
Durata (ore)

Course **Network Security – Advanced**
Corso

Client Ericsson Telecomunicazioni S.p.A., Genova
Committente

Period Jan 2016
Periodo

Duration (hours) 12
Durata (ore)

Course **Network Security – Advanced**
Corso

Client Ericsson Telecomunicazioni S.p.A., Genova
Committente

Period Dic 2015
Periodo

Duration (hours) 12
Durata (ore)

Course **Network Security – Essentials**
Corso

Client Ericsson Telecomunicazioni S.p.A., Genova
Committente

Period Nov 2015
Periodo

Duration (hours) 4
Durata (ore)

Course Network Security – Advanced
Corso

Client Ericsson Telecomunicazioni S.p.A., Pagani
Committente

Period Oct 2013
Periodo

Duration (hours) 12
Durata (ore)

Course Network Security – Essentials
Corso

Client Ericsson Telecomunicazioni S.p.A., Pagani
Committente

Period Oct 2013
Periodo

Duration (hours) 4
Durata (ore)

Course Network Security – Intro
Corso

Client Ericsson Telecomunicazioni S.p.A., Genova
Committente

Period Oct 2013
Periodo

Duration (hours) 4
Durata (ore)

Course Network Security – Advanced
Corso

Client Ericsson Telecomunicazioni S.p.A., Genova
Committente

Period Sep 2013
Periodo

Duration (hours) 12
Durata (ore)

Course Network Security – Essentials
Corso

Client Ericsson Telecomunicazioni S.p.A., Genova
Committente

Period Sep 2013

Periodo
Duration (hours) 4
Durata (ore)

Course Network Security
Corso

Client Ericsson Telecomunicazioni S.p.A., Genova
Committente

Period Nov 2010
Periodo

Duration (hours) 24
Durata (ore)

Course Linux base
Corso

Client Ericsson Telecomunicazioni S.p.A., Pisa
Committente

Period Nov 2010
Periodo

Duration (hours) 24
Durata (ore)

Course Linux avanzato
Corso

Client Ericsson Telecomunicazioni S.p.A., Pisa
Committente

Period Sep 2010
Periodo

Duration (hours) 24
Durata (ore)

Class Networking e comunicazione
Insegnamento

Course GE 01-07-300: "Tecnico Reti Locali"
Corso

Client Centro per l'eccellenza formativa Atene (Bolzaneto, Genova)
Committente

Period Oct 2002
Periodo

Duration (hours) 28
Durata (ore)

Class Architetture di rete
Insegnamento

Course Piano di Sviluppo Territoriale per i settori della Cantieristica, della Meccanica e dell'Impiantistica.
Corso
Circolare Ministeriale n° 92/2000 – Piani Formativi Aziendali, Settoriali e Territoriali".
PROGETTO: AZ. 7 "SAP – Modulo PS

Client CISITA – Formazione Superiore (Lerici, La Spezia).
Committente

Period Feb-Mar 2002
Periodo

Duration (hours) 24
Durata (ore)