


## CURRICULUM VITAE

<b>PERSONAL INFORMATION</b>	Luigi, Catuogno
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	Male / Date of birth (02/01/72)
h-index: 11 Total citations: 335 (Scopus)	

Industry	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1 <sup>st</sup> level Technologist; First Researcher and 2 <sup>nd</sup> level Technologist
<input type="checkbox"/> Mid-Management Level	<input checked="" type="checkbox"/> Associate professor	<input type="checkbox"/> 3 <sup>rd</sup> level Researcher and Technologist
<input type="checkbox"/> Employee/worker level	<input type="checkbox"/> 4 <sup>th</sup> , 5 <sup>th</sup> , 6 <sup>th</sup> and 7 <sup>th</sup> level Researcher and Technologist; Technical collaborator	<input type="checkbox"/> 4 <sup>th</sup> , 5 <sup>th</sup> , 6 <sup>th</sup> and 7 <sup>th</sup> level Researcher and Technologist; Technical collaborator

### WORK EXPERIENCE

2022 - present	POSITION: Associate Professor at, Department of Economics, Law, Cybersecurity, and Sports Sciences (DiSEGIM), Parthenope University of Naples (ITALY)
	Via Amm. F. Acton, 38 - 80133 Napoli, ITALY
	Research Topics: Operating System Security, Trusted Computing, BYOD
	Research or Industry:
Jan-Dec 2009	POSITION: Research Assistant ( <i>Wissenschaftlicher Mitarbeiter</i> ) at the Horst Görtz Institute for IT Security, Ruhr Universität Bochum (DE).
	Universitätsstraße 150, 44801 Bochum, DE
	Research topics: Operating System Security, Embedded Systems, Security, Virtualization, Trusted Computing
2003 - 2022	POSITION: Network and System manager at Dipartimenti di Informatica, University of Salerno, ITALY
	Via Giovanni Paolo II, 132 - 84084 Fisciano (Salerno), ITALY
	Research Topics: Operating System Security, Trusted Computing, BYOD
	Research or Industry:

## EDUCATION AND TRAINING

2004	PhD in Informatica (Computer Science)
	University of Salerno (ITALY)
	Topics: Secure software execution through code signing; title: "An Architecture for Kernel-level Run-time Verification of Executables"
1999	M. Sc. in Scienze dell'Informazione (Computer Science)
	University of Salerno (ITALY)
	Topics: File System encryption; title: "Uno strato di cifratura per file system in sistemi UNIX 4.4BSD basato su TCFS"

## PROJECTS (last five years)

Jan 2019-Dec 2020	PROJECT: SIGMA (dispositivo per architettura "InteGrated Modular Avionic " finanziato su fondi POR CAMPANIA FESR 2014 – 2020, Asse Prioritario 1 "Ricerca e Innovazione" Campania.  ROLE: Work Package leader.
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## ADDITIONAL INFORMATION

2021, Apr 29	Abilitazione Scientifica Nazionale ( <i>Italian National Scientific Qualification</i> ), sett. conc. 01/B1, SSD INF/01, Prof. II fascia ( <i>Qualified as Associate Professor in Computer Science</i> )
2021, Apr 14	Abilitazione Scientifica Nazionale ( <i>Italian National Scientific Qualification</i> ), sett. conc. 09/H1, SSD ING-INF/05, Prof. II fascia ( <i>Qualified as Associate Professor in Computer Engineering</i> )

## PUBLICATIONS

Most relevant publications of the last 10 years	<ol style="list-style-type: none"> <li>Luigi Catuogno, Clemente Galdi (2023). Secure Firmware Update: Challenges and Solutions. <i>Cryptography</i>, vol. 7, no. 2, 2023, ISSN: 2410-387X, doi: 10.3390/cryptography7020030</li> <li>Luigi Catuogno, Clemente Galdi, Daniel Riccio (2020). An Enterprise Rights Management System for On-the-Field Maintenance Facilities. <i>IEEE ACCESS</i>, vol. 8, p. 95987-95996, ISSN: 2169-3536, doi: 10.1109/ACCESS.2020.2995564</li> </ol>
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3. Catuogno L., Galdi C. (2020). Improving Interoperability in Multi-domain Enterprise Right Management Applications. In. Communications In Computer And Information Science (CCIS), Vol. 1221, p. 382-402, Springer, ISBN: 978-3-030-49442-1, ISSN: 1865-0929, doi: 10.1007/978-3-030-49443-8\_18
4. Catuogno L., Galdi C., Riccio D. (2019). Off-line enterprise rights management leveraging biometric key binding and secure hardware. JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, vol. 10, p. 2883-2894, ISSN: 1868-5137, doi: 10.1007/s12652-018-1023-9
5. Luigi Catuogno, Clemente Galdi, Nicola Pasquino (2018). An Effective Methodology for Measuring Software Resource Usage. IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, vol. 67, p. 2487-2494, ISSN: 0018-9456, doi: 10.1109/TIM.2018.2815431
6. Catuogno, Luigi, Galdi, Clemente, Persiano, Pino (2017). Secure Dependency Enforcement in Package Management Systems. IEEE TRANSACTIONS ON DEPENDABLE AND SECURE COMPUTING, vol. 17 (2), p. 377-390, ISSN: 1545-5971, doi: 10.1109/TDSC.2017.2777991
7. Cattaneo, Giuseppe, Catuogno, Luigi, Petagna, Fabio, Roscigno, Gianluca (2016). Ensuring non-repudiation in human conversations over VoIP communications. INTERNATIONAL JOURNAL OF COMMUNICATION NETWORKS AND DISTRIBUTED SYSTEMS, vol. 16, p. 315-334, ISSN: 1754-3916, doi: 10.1504/IJCNSD.2016.077664
8. Catuogno, Luigi, Galdi, Clemente (2014). Achieving interoperability between federated identity management systems: A case of study. JOURNAL OF HIGH SPEED NETWORKS, vol. 20, p. 209-221, ISSN: 0926-6801, doi: 10.3233/JHS-140499
9. Catuogno, Luigi, Galdi, Clemente (2014). On user authentication by means of video events recognition. JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, vol. 5, p. 909-918, ISSN: 1868-5137, doi: 10.1007/s12652-014-0248-5
10. Catuogno, Luigi, Loñr, Hans, Winandy, Marcel, Sadeghi, Ahmad Reza (2014). A trusted versioning file system for passive mobile storage devices. JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, vol. 38, p. 65-75, ISSN: 1084-8045, doi: 10.1016/j.jnca.2013.05.006

	<p>11. Catuogno, Luigi, Galdi, Clemente (2014). Analysis of a two-factor graphical password scheme. INTERNATIONAL JOURNAL OF INFORMATION SECURITY, vol. 13, p. 421-437, ISSN: 1615-5262, doi: 10.1007/s10207-014-0228-y</p> <p>12. Castiglione, Aniello, Catuogno, Luigi, Del Sorbo, Aniello, Fiore, Ugo, Palmieri, Francesco (2014). A secure file sharing service for distributed computing environments. THE JOURNAL OF SUPERCOMPUTING, vol. 67, p. 691-710, ISSN: 0920-8542, doi: 10.1007/s11227-013-0975-y</p>
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According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

Naples, February 5, 2024

Luigi Catuogno

