europass Curriculum vitae

PERSONAL INFORMATION

Alessandro Marcelletti

CURRENT POSITION

2023–ongoing

Post Doctoral Researcher

University of Camerino, Italy

EDUCATION AND TRAINING

2019–2023

Ph.D. in Computer Science and Mathematics

Excellent

University of Camerino, Italy

2017–2019

Master's Degree in Computer Science

110L

University of Camerino, Italy

2014–2017

Bachelor's Degree in Informatica

101

University of Camerino, Italy

SPECIALISED EDUCATION

17/07/2023–20/07/2023

Participation at Teaching workshop "BDLT: state of the art and applications"

National Ph.D. programme in Blockchain and Distributed Ledger technology

Fano, Italy

18/07/2022–23/07/2022

Participation at Summer School "Robotics and STEM in schools"

Andrioti school - Erasmus + Greece

Corfù, Greece

16/11/2021–18/11/2021

Participation at Event "Blockchain Week Rome"

Rome, Italy

10/06/2019–14/06/2019

Participation at Summer School "Blockchain and Distributed Ledger Technology School"

Univeristy of Cagliari, Pula, Italy

INTERNATIONAL MOBILITY

03/2022–05/2022

Visit at Technische Universität Wien, TUW

During the abroad period I worked on the usage of blockchain for the creation of Internet of Things applications with privacy and access control mechanisms. Reference prof. Schahram Dustdar.

Vienna, Austria

RESEARCH ACTIVITY

2023

Program Chair

Co-chair of 3rd "International Workshop on Blockchain for Trusted Data Sharing - B4TDS 2023"

2022–2023 **Program Chair**

Co-chair of 3rd and 4th "International Workshop on Blockchain and Enterprise Systems - BES"

- Edition 2022
- Edition 2023

23/11/2022 **Session Chair**

Session Chair at "3rd International Workshop on Blockchain and Enterprise Systems - BES 2022"

London, UK

2021–2022 **Program Committee Member**

Program Committee Member of 2nd and 3rd "International Workshop on Blockchain and Enterprise Systems - BES"

- Edition 2021
- Edition 2022

2020–2022 **(Co-)Organisation of Winter School**

Co-organiser the 1st, 2nd and 3rd editions of "International Winter School on Blockchain technology and Application"

- Edition 2020
- Edition 2021
- Edition 2022

University of Camerino, Italy

2022 **Reviewer**

Reviewer for "Symposium on Combining Machine Learning and Knowledge Engineering", 2020

2022 **Reviewer**

Reviewer for "AAAI-MAKE 2023: Challenges Requiring the Combination of Machine Learning and Knowledge Engineering", 2022

2022 **Reviewer**

Reviewer for "3rd Workshop on Blockchain and Enterprise Systems", 2022

2020 **Reviewer**

Reviewer for "1st Workshop on Blockchain and Enterprise Systems", 2020

2020 **Reviewer**

Reviewer for "Distributed Ledger Technology workshop", 2020

PRESENTATIONS AND SEMINARS

2023 **Dissemination Seminar**

Dissemination seminar entitled "L'evoluzione delle STEM" at Istituto Comprensivo 'Lorenzo Lotto'

Jesi, Italy

14/09/2022 **Poster Presentation**

Presentation of Demo paper at BPM 2022 conference

Munster, Germany

13/06/2022 **Tutorial Presentation**

Presentation at the DisCoTec 2022 conference with Tutorial "ChorChain: a Model-driven Approach for Trusted Execution of Multi-party Business Processes on Blockchain"

Lucca, Italy

2021–2021 **Dissemination Seminar**

Dissemination seminar entitled "I colori dell'informatica" at "Andrea Bocelli Foundation Summer Camp"

Muccia, Italy

2021–2021 **Dissemination Seminar**

Dissemination seminar entitled "Uno sciame di formiche... informatiche" at "Fosforo Scienza"

Senigallia, Italy

2021–2021 **Dissemination Seminar**

Dissemination seminar entitled "L'informatica della Formica" at "Passaggi Festival"

Fano, Italy

26/11/2020 **Paper Presentation**

Presentation of paper at BES workshop 2020

Online

TEACHING ACTIVITIES

2022–2023 **Tutoring activity**

Tutoring the activity "Game design nelle discipline STEM, per raccontare come eroine geniali e visionarie hanno fatto la storia dell'informatica"

- Edition 2022
- Edition 2023

University of Camerino, Italy

2021–2023 **Teaching**

Lecture "Script dopo script: Giochiamo con Gamefroot!" during activity "Informatica x Gioco = Fantasia + Regole"

- Edition 2021
- Edition 2022
- Edition 2023

University of Camerino, Italy

2020–2023 **Tutoring activity**

Tutoring the activity “INFORMATICA X GIOCO = FANTASIE + REGOLE”

- Edition 2020
- Edition 2021
- Edition 2022
- Edition 2023

University of Camerino, Italy

2020–2022 **Tutoring activity**

Tutoring the group projects during the "International Online Winter School on Blockchain Technology and Applications - Hyperledger"

- Edition 2020
- Edition 2021
- Edition 2022

University of Camerino, Italy

2022–2022 **Project coordinator**

I coordinated the project with high school ITT “G. E M. MONTANI” for the development of a funding platform on blockchain

University of Camerino, Italy

2022–2022 **Project coordinator**

I coordinated the project with high school IIS “E. MATTEI” for the development of a videogame for teaching blockchain through gamification concepts

University of Camerino, Italy

13/12/2022 **Teaching**

Lecture "Fabric Chaincodes" at International Online Winter School on Blockchain Technology and Applications - Hyperledger

Online

2022–2022 **Teaching**

Lecture "Programmazione ad eventi e Scratch" at school "Istituto E. Mestica

Macerata, Italy

2022–2022 **Teaching**

Lecture "Robotica educativa" at school "Istituto Comprensivo “C. Urbani” di Jesi

Jesi, Italy

04/07/2022 **Teaching**

Lecture "Gamefroot e progettazione dello storytelling" during activity "Game design nelle discipline STEM per raccontare come eroine geniali e visionarie hanno fatto la storia dell’informatica"

University of Camerino, Italy

2021–2021 **Tutoring activity**

Tutoring the activity activity “Giocando nelle discipline STEM tra scoperte e scienziate”

University of Camerino, Italy

21/05/2021 **Teaching**

Lecture "Sviluppo chaincode e dapp in Fabric" at company Beesoft.it

University of Camerino, Italy

23/04/2021 **Teaching**

Lecture "Sviluppo smart contract in Soilidity e dapp in Ethereum" at company Beesoft.it

University of Camerino, Italy

2021–2021 **Teaching**

Lecture "Introduction to chaincode and SDK programming" at International Online Winter School on Blockchain Technology and Applications - Hyperledger

University of Camerino, Italy

14/06/2020 **Teaching**

Lecture "Programmazione a eventi" during activity "Giocando nelle discipline STEM tra scoperte e scienziate"

University of Camerino, Italy

PERSONAL SKILLS

Mother tongue: Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
Common European Framework of Reference for Languages

Driving licence: B

PUBLICATIONS

[1] Flavio Corradini, Alessandro Marcelletti, Andrea Morichetta, Andrea Polini, Barbara Re, and Francesco Tiezzi. “A Flexible Approach to Multi-party Business Process Execution on Blockchain”. In: *Future Gener. Comput. Syst.* 147 (2023), pp. 219–234.

[2] Francesco Donini, Alessandro Marcelletti, Andrea Morichetta, and Andrea Polini. “RESTChain: a Blockchain-based Mediator for REST Interactions in Service Choreographies”. In: *Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing, SAC 2023, Tallinn, Estonia, March 27-31, 2023*. ACM, 2023, pp. 245–248.

[3] Flavio Corradini, Alessandro Marcelletti, Andrea Morichetta, Andrea Polini, Barbara Re, and Francesco Tiezzi. “Engineering Trustable and Auditable Choreography-based Systems Using Blockchain”. In: *ACM Trans. Manag. Inf. Syst.* 13.3 (2022), 31:1–31:53.

[4] Flavio Corradini, Alessandro Marcelletti, Andrea Morichetta, Andrea Polini, Barbara Re, and Francesco Tiezzi. “A Choreography-Driven Approach for Blockchain-Based IoT Applications”. In: *2022 IEEE International Conference on Pervasive Computing and Communications Workshops and other Affiliated Events, PerCom 2022 Workshops, Pisa, Italy, March 21-25, 2022*. IEEE, 2022, pp. 255–260.

[5] Flavio Corradini, Alessandro Marcelletti, Andrea Morichetta, Andrea Polini, Barbara Re, and Francesco Tiezzi. “Flexible execution of multi-party business processes on blockchain”. In: *Proceedings of the 5th International Workshop on Emerging Trends in Software Engineering for Blockchain, WETSEB@ICSE 2022, Pittsburgh, Pennsylvania, 19 May 2022*. ACM, 2022, pp. 25–32.

[6] Flavio Corradini, Alessandro Marcelletti, Andrea Morichetta, Andrea Polini, Barbara Re, and Francesco Tiezzi. “ChorChain: A Blockchain-Based Framework for Executing and Auditing BPMN Choreographies”. In: *Proceedings of the Best Dissertation Award, Doctoral Consortium, and Demonstration & Resources Track at BPM 2022 co-located with 20th International Conference on Business Process Management (BPM 2022), Münster, Germany, September 11th to 16th, 2022*. Vol. 3216. CEUR Workshop Proceedings. CEUR-WS.org, 2022, pp. 132–136.

[7] Flavio Corradini, Alessandro Marcelletti, Andrea Morichetta, Andrea Polini, Barbara Re, Emanuele Scala, and Francesco Tiezzi. “Model-driven engineering for multi-party business processes on multiple blockchains”. In: *Blockchain: Research and Applications* 2.3 (2021), p. 100018.

[8] Flavio Corradini, Alessandro Marcelletti, Andrea Morichetta, Andrea Polini, Barbara Re, and Francesco Tiezzi. “ChorChain: A model-driven framework for choreography-based systems using blockchain”. In: *Proceedings of the 1st Italian Forum on Business Process Management co-located with the 19th International Conference of Business Process Management (BPM 2021), Rome, Italy, September 10th, 2021*. Vol. 2952. CEUR Workshop Proceedings. CEUR-WS.org, 2021, pp. 26–32.

[9] Alessandro Marcelletti and Barbara Re. “FabNet: an Automatic Hyperledger Fabric Network Wizard (short paper)”. In: *Proceedings of the workshops co-organized with the 13th IFIP WG 8.1 working conference on the Practice of Enterprise Modelling (PoEM 2020), On-line (originally located in Riga, Latvia), November 26, 2020*. Vol. 2749. CEUR Workshop Proceedings. CEUR-WS.org, 2020, pp. 59–67.

[10] Flavio Corradini, Alessandro Marcelletti, Andrea Morichetta, Andrea Polini, Barbara Re, and Francesco Tiezzi. “Engineering trustable choreography-based systems using blockchain”. In: *SAC ’20: The 35th ACM/SIGAPP Symposium on Applied Computing, online event, [Brno, Czech Republic], March 30 - April 3, 2020*. ACM, 2020, pp. 1470–1479.