
WORK EXPERIENCE

- 2009 – Present **Referee and Match Director of FID (Italian Federation of Draughts)**
Tournament and championship management at national level. Support referee in world championship tournaments.

WORK EXPERIENCE AS TEACHER

- Mar 2019 – Apr 2019 **Java classes for the YTiA project**
Teaching material production, frontal lessons and laboratory classes for post-high school degree students in Java for the project "Young Talent in Action", in collaboration with Tree company.
- Oct 2018 – Dec 2018 **Java classes for a Master in Cyber Security**
Teaching material production, frontal lessons and laboratory classes for a Master in Cyber Security in collaboration with ITHUM academy, CY4GATE and Luiss University
- June 2018 – Nov 2018 **Lessons on "How to teach Information Science and Robotics in Primary and Secondary schools"**
Teaching material production, frontal lessons for the 2° edition of the project "In estate si insegnano le STEM", promoted by the Italian "Ministero delle Pari Opportunità" in collaboration with Sapienza University of Rome. NOTE: The lessons were aimed at primary and secondary school teachers.
- June 2017 – January 2018 **Primary and Secondary school class in Information Science and Robotics**
Teaching material production, frontal lessons for the project "In estate si insegnano le STEM" promoted by the Italian "Ministero delle Pari Opportunità" in collaboration with Sapienza University of Rome.
- Mar 2017 – Sept 2017 **Laboratory (3cfu) and practise class**
Teaching material production, frontal lessons for "Architetture 2" class for "Laurea in Informatica" at Sapienza University of Rome.
- Nov 2016 – Nov 2017 **Laboratory (3cfu) and examination class**
Teaching material production, frontal lessons and examination for Information Science class for "Laurea in Statistica Economia Finanza e Assicurazioni, SEFA (A.A. 2016-2017)" at Sapienza University of Rome.
- 2008 – Present **Individual/Group trainer for Scientific Subjects**
High School Level training in Physics, Math, Information Science, Statistics.
University Level training in Information Science

EDUCATION AND TRAINING

- 2015–2019 **Ph.D. in Computer Science**
Sapienza University of Rome, Rome
Thesis Title: "Biometric Walk Recognizer - Research and results on wearable sensor-based gait recognition"

- High-level knowledge of Biometric Recognition especially focused on Gait Recognition
- High-Level knowledge of Signal Processing, Manipulation and Comparison Strategies.

2013–2015 Master degree in Computer Science

Sapienza University of Rome, Rome

- Biometric Recognition
- HCI and Multimodal Interaction
- Advanced Programming
- Multimedia

2011–2013 Bachelor degree in Computer Science

Sapienza University of Rome, Rome

- Programming Languages
- Databases
- Algorithms

2007–2011 Diploma of "Perito Informatico"

I.T.I.S. G. Marconi, Latina

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference \(CEF\) level](#)

Communication skills

- Teamwork: I have worked in various types of teams from research teams to draught tournament/championship organization teams.
- Supervising skills: I have worked as a thesis co-supervisor of many students in Computer Science degree at Sapienza.

Computer skills

- High-level skills in Java programming
- High knowledge of Microsoft Office Tools
- Good knowledge of vector graphics programs (Corel Draw / Adobe Illustrator)
- Good knowledge of programming languages (C, C++, Python, Assembly) and fast learning of new ones.

Other skills

- Good organization and management skills
- High attitude in teaching. This also includes the production of teaching material.
- Love to travel and experience different cultures.

Driving licence B

ADDITIONAL INFORMATION

- Publications**
- De Marsico, M. & Mecca, A. (2015, September) Biometric Walk Recognizer. *In International Workshop on Recent Advances in Digital Security: Biometrics and Forensics (Biofor 2015)*, as part of the 18th International Conference on Image Analysis and Processing (ICIAP 2015)
 - Kanev, K., De Marsico, M., Bottoni, P., & Mecca, A. (2016, June). Mobiles and Wearables: Owner Biometrics and Authentication. *In Proceedings of the International Working Conference on Advanced Visual Interfaces* (pp. 318-319). ACM.
 - De Marsico, M., De Pasquale, D. & Mecca, A. (2016, September). Embedded Accelerometer Signal Normalization for Cross-Device Gait Recognition. *In International Conference of the Biometrics Special Interest Group (BIOSIG)* (pp. 1-5). doi=10.1109/BIOSIG.2016.7736920
 - De Marsico, M. & Mecca, A. (2016). Biometric Walk Recognizer - Gait recognition by a single smartphone accelerometer. *In Multimedia Tools and Applications* (pp. 1-33). Springer. doi=10.1007/s11042-016-3654-1
 - Book Chapter: “Gait Recognition: The Wearable Solution” in *HUMAN RECOGNITION IN UNCONSTRAINED ENVIRONMENTS*. Elsevier. Academic Press.
 - De Marsico M., Fartade E. & Mecca A. (2018). Feature-based Analysis of Gait Signals for Biometric Recognition - Automatic Extraction and Selection of Features from Accelerometer Signals. *In Proceedings of the 7th International Conference on Pattern Recognition Applications and Methods - Volume 1: ICPRAM*, ISBN 978-989-758-276-9, pages 630-637. DOI: 10.5220/0006719106300637
 - Castiglione, A., Choo, K.-K. R., De Marsico, M. & Mecca, A. (2018, August). Walking on the Cloud - Gait Recognition, a Wearable Solution. *In International Conference on Network and System Security (NSS2018) conference*.
 - De Marsico, M. & Mecca, A. (2018, September). Benefits of Gaussian Convolution in Gait Recognition. *In International Conference of the Biometrics Special Interest Group (BIOSIG2018)*.
 - Mecca, A. (2018). Impact of gait stabilization: a study on how to exploit it for user recognition, *in SITIS 2018 - International Conference on Signal Image Technology and Internet Based Systems*, IEEE, in-press, 2018.
 - De Marsico, M. & Mecca, A. (2019). A Survey on Gait Recognition via Wearable Sensors. *ACM Computing Surveys, volume 52* (pp. 86:1–86:39), DOI: 10.1145/3340293

- Other research activities**
- I was one of the session chair for ICPRAM 2018 conference
 - I was member of the editorial board for the SITIS 2018 conference

- Grant**
- Research Scholarship for project “PARTECIPATE” of Department of “Scienze dell’Antichità” (2016-2017).
 - Research Scholarship the project PRIN COSMOS (2017-2018)

- Award**
- 3° Rank at Best Paper Ph.D. Contest at VISMAL2016 with the poster “Biometric Walk Recognizer”
 - 3° Rank at “Hackathon Italia Cerveteri”, 25-26/06/2016, for the project “3D Archeo Trip – Viaggiando nella Storia”

Personal Data I allow the use and processing of my personal data according to the Dlgs 196/2003 concerning the handling of personal data.