

Curriculum Vitae

-Dr. EHSAN NOWROOZI



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WEBSITES: Personal Website, GoogleScholar, LinkedIn, GitHub

Summary

Brief academic biography

Ehsan Nowroozi is a Senior Lecturer (Associate Professor) at Ravensbourne University London, Department of Business and Computing, London, UK. He received his doctorate from Siena University in 2020. He is a highly skilled researcher in the field of artificial intelligence for cybersecurity that addresses areas such as adversarial machine learning (Adv-ML), adversarial multimedia forensics (Adv-MF), network security, and digital forensics (DF). To make AI systems more secure and resilient, Ehsan's work emphasizes determining and defending against adversarial threats. His research has had a significant impact on the development of AI-cyber and the ability to defend against cyber threats. He had four postdocs in different high-prestige universities, including a Research Fellow at the

Centre for Secure Information Technologies (CSIT) at Queen's University Belfast in the United Kingdom, a Research Fellow at the Security and Privacy Research Group (SPRITZ) at the University of Padua in Italy, a Research Fellow at the Visual Information Processing and Protection (VIPPP) at the University of Siena in Italy, a Research Fellow at the Sabanci University in Turkey. He was also an assistant professor at Bahcesehir University, Istanbul, Turkey. He has worked on a variety of projects funded by renowned institutions, such as DARPA, the Air Force Research Laboratory (AFRL) of the U.S. government, the Italian Ministry of University and Research (MUR), and THALES United Kingdom. He serves as a reviewer for prominent journals, such as IEEE TNSM, IEEE TIFS, and IEEE TNNLS. In addition, he has been a senior member of the Institute of Electrical and Electronics Engineers (IEEE) since 2022 and an ACM Professional member since 2023.

Education

University of Siena

PhD in Information Engineering and Mathematics

Machine Learning Techniques for Image Forensics in Adversarial Setting.

Supervisor: Dr. Mauro Barni

PhD Thesis

Grade: Very Good

PhD Certificate

SIENA, THE ITALY

Nov. 2016 – Apr. 2020

University of Shahid Beheshti University

Master of Engineering in Computer Engineering (Computer Architecture)

Double JPEG Compression Detection Using Statistical Analysis.

Supervisor: Dr. Ali Zakerolhosseini

Award: *First class and distinction GPA "17.95/20.00"* .

TEHRAN, THE IRAN

Jan. 2013 – May. 2015

Art and Science University

Bachelor of Engineering in Computer Engineering (Computer Software)

Design and Implementation of Checkers Game using Fuzzy Logic.

Supervisor: Dr. FazlAllah Adibniya

YAZD, THE IRAN

Jan. 2006 – Jul. 2010

Research in International Projects

List of Projects

- The "Verification of AI" funded by Thales UK, Queen's University Belfast, UK, 2023.
 - The "Lighthouse: Securing the Transition Toward the Future Internet" funded by STARS 2019, University of Padua, Italy (Supervisor Prof. Mauro Conti)
 - The "Medifor: Media Forensics" project, funded by DARPA and the Air Force Research Laboratory (AFRL) under agreement number FA8750-16-2-0173. (Supervisor Prof. Mauro Barni) - University of Siena, Italy
 - The "PREMIER: PREserving Media trustworthiness in the artificial Intelligence ERA", project funded by the Italian Ministry of University and Research (MUR) under the PRIN 2017 2017Z595XS-001 (Supervisor Prof. Mauro Barni) - University of Siena, Italy
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Awards and Scholarships

PhD scholarships and Grants

- Received research scholarship from the University of Siena for the project Medifor DARPA (1th November 2019 - 1th November 2020) [Page 1](#) [Page 2](#)
- PhD scholarship from the University of Siena (UNISI), Siena, Italy, 2016. [Acceptance letter](#)
- PhD scholarship from the University of Milan-Bicocca, Milan, Italy, 2016. [Acceptance letter](#)
- PhD scholarship from University of Trieste, Italy, 2016. [Web](#)

PhD acceptance without scholarships

- PhD acceptance from University of Padova, Italy, 2016. [Acceptance letter](#)

Awards

- Professor Zdzisław Pawlak Awards in the category of International Cooperation Award" at the 18th Conference on Computer Science and Intelligence Systems (FedCSIS2023), for the paper "Balancing Privacy and Accuracy in Federated Learning for Speech Emotion Recognition", September 2023, Poland. [Award Certificate](#)
 - Received student grant 550€ to participate in the 2020 CWMUN NYC to be entirely held in New York City (USA) at the United Nations Headquarters. March 27th, 29th 2020. [Invitational Letter](#)
 - The top-performing (UNISI) detection algorithms from MFC'17. The algorithms test by MediFor DARPA Nimble Challenge Evaluation 2017. (username: mediforBPperf password: firstMedi4Data) [slides](#), [results](#)
 - Ranked 1st in the M.Sc. students at Shahid Beheshti University (SBU), 2015.
 - Awarded Member of Young Researchers and Elite Club, Islamic Azad University North Tehran Branch, Tehran, 2015. [website](#)
 - Achievement of the scientific rank in the graduates' celebrity, Yazd, 2010.
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Professional service and Activity

Journal Reviewer

- IEEE Transactions on Networks and Service Management, 2022 - present
- IEEE Transactions on Industrial Informatics, 2022 - present
- IEEE Transaction on Neural Networks and Learning Systems, March 2021 - present
- EURASIP Journal on Information Security, June 2020 - present
- Journal of Electronic Imaging – SPIE Digital Library. 11 Nov. 2018 - present [Certificate](#)
- Journal of Digital Investigation – Elsevier. 19 Nov. 2018 - present [Certificate](#)
- Journal of Information Security and Applications – Elsevier. 24 Sep. 2017 - present [Certificate](#)

Conference Reviewer

- 2024 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Signal Processing: The Foundation for True Intelligence, 14-19 April 2024, COEX, Seoul, Korea.
- The 2nd International Conference on Machine Learning and Intelligent Systems (MLIS2020), South Korea, 2020. [Link](#)

Activity (Technical Committee (TC))

- IEEE IFS-TC (IEEE Information Forensics and Security Technical Committee), October 2023 - October 2026
 - Invited to serve as TPC member for ATC 2021 (2021 The 18th International Conference on Advanced and Trusted Computing).
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Research Experiences

TURK Patent (Türk Patenti)

- E. Nowroozi, "An innovative method for detecting malicious advertisement urls based on ensemble trees", Submitted to TURK PATENT, Date of Submission: 09.01.2023, Application Number (Başvuru Numarası): 2023/000253.

Book Chapters

- E. Nowroozi, S. Shoari, M. Mohammadi, A. Jolfaei, 'Chapter title: *Impact of Media Forensics and Deepfake in Society*', Book title: Breakthroughs in Digital Biometrics and Forensics, Springer Cham, pp. 387-410, 2022
- E. Nowroozi, S. Seyedshoari, Y. Mekdad, E. Savas, and M. Conti, "Chapter title: *Cryptocurrency wallets: assessment and security*", Book title: Blockchain for Cybersecurity in Cyber-physical Systems, Springer - Advances in Information Security, 2022. [Acceptance Letter](#)
- E. Nowroozi, and Y. Mekdad, "*Detecting High-Quality GAN-Generated Face Images using Neural Networks*", Published at: **Big Data Analytics and Intelligent Systems for Cyber Threat Intelligence**, River Publishers, 2022. [Acceptance Letter](#)

Books

- E. Nowroozi, "*A Survey on Digital Image Forensics*", Da Publishers, ISBN 978-600-7925-53-9, Tehran, 2016. [Persian Language](#)
- E. Nowroozi, "*Passive Detection of Double JPEG Compression*", Da Publishers, ISBN 978-600-7925-12-6, Tehran, 2015. [Persian Language](#)

Journal Papers

- **E. Nowroozi**, Y. Habibi, and M. Conti, "SPRITZ-PS: validation of synthetic face images using a large dataset of printed documents", Multimedia Tools and Applications (MTAP), DOI: <https://doi.org/10.1007/s11042-024-18111-4>, 2023.
- **E. Nowroozi**, S. Ghelichkhani, I. Haider, and A. Dehghantanha, "Unscrambling the Rectification of Adversarial Attacks Transferability across Computer Networks", Submitted to IEEE Transactions on Network and Service Management, 2023.
- R. Shresta, M. Mohammadi, S. Sinae, A. Salcines, D. Pampliega, R. Clemente, **E. Nowroozi**, and A. L. Sanz, "Anomaly Detection based on LSTM and Autoencoders using Federated Learning in Smart Electric Grid", Submitted to Journal of Parallel and Distributed Computing, 2023.
- **E. Nowroozi**, E. Savas, M. Mohammadi, Y. Mekdad, and M. Conti, "Employing Deep Ensemble Learning for Improving the Security of Computer Networks against Adversarial Attacks", IEEE Transactions on Network and Service Management, 2023.
- **E. Nowroozi**, Abhishek, Mohammadreza Mohammadi, Mauro Conti "*An Adversarial Attack Analysis on Malicious Advertisement URL Detection Framework*", IEEE Transactions on Network and Service Management, 2022. [Paper](#)
- **E. Nowroozi**, M. Mohammadi, P. Golmohammadi, Y. Mekdad, M. Conti, A. S. Ulagac, "Resisting Deep Learning Models Against Adversarial Attack Transferability via Feature Randomization", Submitted to IEEE Transactions Service Computing (IEEE TSC), 2022.
- **E. Nowroozi**, Y. Mekdad, M. Conti, S. Milani, S. Uluagac, and B. Yanikoglu "*Real or Virtual: A Video Conferencing Background Manipulation-Detection System*", Submitted to Computer & Security - Elsevier Journal, 2022. [arXiv](#)
- **E. Nowroozi**, M. Conti, Y. Mekdad, M. H. Berenjestanaki, and A. EL. Fergougui, "*Demystifying the Transferability of Adversarial Attacks in Computer Networks*", In IEEE Transactions on Network and Service Management (TNSM), 2022. [IEEE](#)
- M. Conti, S. Milani, **E. Nowroozi**, and G. Orazi, "*Do Not Deceive Your Employer with a Virtual Background: A Video Conferencing Manipulation-Detection System*" [arXiv](#), 2022. [arXiv](#)

- A. Ferreira, E. Nowroozi, M. Barni, "VIPPrint: Validating Synthetic Image Detection and Source Linking Methods on a Large Scale Dataset of Printed Documents", MDPI Journal of Imaging, 8-Mar-2021. [Paper](#), [Dataset](#)
- E. Nowroozi, A. Dehghantanha, R. M. Parizi, and Kim-Kwang R. Choo "A Survey of Machine Learning Techniques in Adversarial Image Forensics", In Computers & Security Elsevier, 2020. [Acceptance](#)
- M. Barni, E. Nowroozi and B. Tondi, "Improving the Security of Image Manipulation Detection through One-and-a-half-class Multiple Classification", An International Journal of Multimedia Tools and Application (Springer), 1th of November, 2019. [Arxiv Paper](#) — [Springer \(MTAP\)](#)
- E. Nowroozi, "Identification of Double Compressed Medical Images With Manipulation", Indian Journal of Fundamental and Applied Life Sciences (ISI), CIBTech, Vol. 5 (S4), pp. 404-416, ISSN 2231-6345, India, 2015. [Paper](#)
- E. Nowroozi and A. Zakerolhosseini, "Double JPEG Compression Detection Using Statistical Analysis", In Advances in Computer Science: An International Journal (ACSIJ), Vol. 4, Issue. 3, No. 15, pp. 70-76, ISSN 2322-5157, Tehran, 2015. [Paper](#)

Conference Papers

- S. Mohammadi, M. Mohammadi, S. Sinaei, A. Balador, E. Nowroozi, F. Francesco, and M. Conti, "Balancing Privacy and Accuracy in Federated Learning for Speech Emotion Recognition", In 18th Conference on Computer Science and Intelligence Systems (FedCSIS), 2023. (**This paper achieved International Collaboration Award**)
- M. Barni, K. Kallas, E. Nowroozi and B. Tondi, "CNN Detection of GAN-Generated Face Images based on Cross-Band Co-occurrences Analysis", 12th IEEE International Workshop on Information Forensics and Security (WIFS), New York, USA, 6-11 December 2020. [arXiv Video 8:00min](#) [Video 17:00min](#)
- M. Barni, E. Nowroozi, B. Tondi and B. Zhang, "Effectiveness of random deep feature selection for securing image manipulation detectors against adversarial examples.", In 44th International on Acoustics, Speech, and Signal Processing (ICASSP 2020), Barcelona, Spain. [IEEE Xplore](#), [Certificate](#).
- M. Barni, K. Kallas, E. Nowroozi and B. Tondi, "On the Transferability of Adversarial Examples Against CNN-Based Image Forensics", In the 45th International on Acoustics, Speech, and Signal Processing (ICASSP 2019), 12-17 May 2019, Brighton, UK. [IEEE Xplore](#)
- M. Barni, A. Costanzo, E. Nowroozi, B. Tondi, "CNN-Based Detection of Generic Contrast Adjustment With JPEG Post-Processing", In the IEEE International Conference on Image Processing (ICIP), 7-10 October, Athens, Greece, 2018. [IEEE Xplore](#)
- M. Barni, E. Nowroozi and B. Tondi, "Detection of Adaptive Histogram Equalization Robust Against JPEG Compression", In the 6th IAPR/IEEE International Workshop on Biometrics and Forensics (IWBF), 7-8 June, Sassari, Italy, 2018. [IEEE Xplore](#)
- M. Barni, E. Nowroozi, B. Tondi, "Higher-Order, Adversary-Aware, Double JPEG-Detection via Selected Training on Attacked Samples", In the 25th European Signal Processing Conference (EUSIPCO), 28-August till 2-September, Kos, Greece, 2017. [IEEE Xplore](#)
- E. Nowroozi, "QAM and IQ filtering combination and analyzing its time's optimization in sending and receiving systems", Accepted in the International Conference on Telecom Technology and applications (ICTTA), Sydney, Australia, 2011.
- E. Nowroozi, "Introduction to new methodologies and applications in information Retrieval indexing", In the 2nd International Conference on Mechanical and Electronics Engineering (ICMEE), Kyoto, Japan, 2010. [IEEE Xplore](#)
- E. Nowroozi, "Decoupling Web Services from Active Networks in 16 Bit Architectures", Accepted in the 2nd International Conference on Software Technology and Engineering (ICSTE), San Juan, USA, 2010.

Conference Presentations

- 12th IEEE International Workshop on Information Forensics and Security (WIFS), New York, USA, 6-11 December 2020. [Video 8:00min](#) [Video 17:00min](#)
 - In the IEEE International Conference on Image Processing (ICIP), 7-10 October, Athens, Greece, 2018. [Certificate of Attendance](#)
 - In 6th IAPR/IEEE International Workshop on Biometrics and Forensics (IWBF), 7-8 June, Sassari, Italy, 2018. [Certificate of Attendance](#)
 - In 25th European Signal Processing Conference (EUSIPCO), 28-August till 2-September, Kos, Greece, 2017. [Certificate of Attendance](#)
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PhD Courses, IEEE Schools, E-Learning and Soft Skills

PhD Courses

- **Reinforcement learning**, Prof. Prof. M. Parton Università degli Studi "G. D'annunzio" Chieti-Pescara, June 17-21, 2019.
- **Optimization for learning**, Prof. Anders Hansson University of Linköping Svezia, April 2-11, 2019.
- **Modern C++ for high-performance and effective programming**, Prof. Sandro Bartolini University of Siena, June 18-22, 2018.
- **Cooperative games**, Prof. Vito Fragnelli University of Eastern Piedmont - Department of Advanced Sciences and Technologies, June 11-15, 2018.
- **Algorithms for constrained optimization**, Prof. Veronica Piccialli Università di Roma Tor Vergata, May 22-26, 2017.
- **The design and analysis of algorithms for combinatorial optimization problems**, The design and analysis of algorithms for combinatorial optimization problems Prof. Gilles Schaeffer CNRS, June 5-9, 2017.
- **Machine learning: from shallow to deep architectures**, Prof. Stefano Melacci University of Siena, March 20-24, 2017.
- **Tensor decompositions and their applications**, Tensor decompositions and their applications Prof. Nick Vannieuwenhoven Katholieke Universiteit Leuven, April 26-May 2, 2017.

IEEE Schools

- IEEE- EURASIP Summer School on Signal Processing for Autonomous Systems (SP-AS), 9-13 September 2019. [Website of School](#)
- IEEE-EURASIP Summer School on Signal Processing (S3P-2018), San Vincenzo, September 10-14, Italy. [S3P-Examination Certificate](#), [S3P-Certificate of Participation](#)
- IEEE-EURASIP Summer School on Signal Processing (S3P-2017), Capri, September 4-8, Italy. [Certificate of Participation](#)

Soft Skills

- **Scientific Writing and Presentation**, Prof. John L. Telford, held at the University of Siena, 12-14 Feb. 2018.

E-Learning

- Blockchain Basics, Coursera , University of Buffalo, 7, March, 2021. [Certificate](#)
 - Decision Trees, Random Forests, AdaBoost & XGBoost in Python, Udemy, Jan 2020. [Certificate](#)
 - Penetration Testing, Incident Response and Forensics, Coursera IBM, 29, November 2020. [Certificate](#)
 - Introduction to Cybersecurity Tools & Cyber Attacks, Coursera IBM, 23 November 2020. [Certificate](#)
 - Artificial Intelligence for Cybersecurity, LinkedIn, 30 October 2020. [Certificate](#)
 - Linux Foundation Cert Prep: Essential Commands (Ubuntu), LinkedIn, 29 September 2020. [Certificate](#)
 - Learning Ubuntu Desktop Linux, LinkedIn, 24 September 2020. [Certificate](#)
 - Network Forensics, LinkedIn, 22 September 2020. [Certificate](#)
 - Learning Python, LinkedIn, 20 September 2020. [Certificate](#)
 - Intermediate Python for Data Science Course, DataCamp, License Number, #2,748,798, November, 2018. [Certificate](#)
 - Deep Learning with TensorFlow, IBM Cognitive Class, License Number, ML0120EN, 06 February, 2018. [Certificate](#)
 - Deep Learning in Python Course, DataCamp, License Number, #3,219,896, January, 2018. [Certificate](#)
 - Intro to Python for Data Science, DataCamp, License Number, #2,720,972, March, 2017. [Certificate](#)
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Work Experience

Ravensbourne University London (RUL) Senior Lecturer (Associate Professor), Lecturer in Cyber Security	LONDON, UNITED KINGDOM <i>March 2024 - Present</i>
Queen's University Belfast Research Fellow, Centre of Secure Information Technologies (CSIT) AI-Cybersecurity	NORTHERN IRELAND, UNITED KINGDOM <i>July 2023 - Feb 2024</i>
Bahçeşehir University Assistant Professor, Computer Engineering Department Cybersecurity	ISTANBUL, THE TURKEY <i>Oct. 2022 - July 2023</i>
Sabancı University Post Doctoral Fellow at the Data Analytics Center of Excellence (VERİM), Faculty of Engineering and Natural Sciences (FENS) Machine and Deep Learning Security.	ISTANBUL, THE TURKEY <i>Feb. 2022 - Sep. 2022</i>
University of Padova Post doctoral Fellow at Security & Privacy Research Group SPRITZ Security the Transition Toward the Future Internet. Certificate 1 Certificate 2 Supervisor: Professor Mauro Conti	PADOVA, THE ITALY <i>Mar. 2021 - Feb. 2022</i>
University of Siena Post doctoral Fellow at the Visual Information Processing and Protection VIPP Development of Machine Learning Techniques for Image Forensics in Adversarial Setting. Page 1 Page 2 Supervisor: Mauro Barni	SIENA, THE ITALY <i>Apr. 2020 – Mar. 2021</i>
Young Researchers Elite Club (Part-time) Researcher Young Researchers and Elite Club, Islamic Azad University – Tehran North Branch	TEHRAN, THE IRAN <i>Oct. 2015 – present</i>
Manufacture Planning Expert (Full-time) Manufacture Planning with MS Project Software Iran Patcel Company (PJS)	TEHRAN, THE IRAN <i>Oct. 2013 – Nov. 2014</i>
Network Administrator (Full-time) Network Management Software and Hardware Hamrah Ofogh Company (HOT) (PJS)	TEHRAN, THE IRAN <i>Jun. 2012 – Oct. 2012 and Feb. 2013 – Mar. 2013</i>

Teaching Experience

Instructor (Assistant Professor) Bahcesehir University - Computer Forensics, Gradute, Fall 2022 - Multimedia Communication, Fall 2022 - Special Topics (Digital Forensics), Fall 2022	ISTANBUL, THE TURKEY
Master Thesis Supervising Padua University - SeyedSadra Shoari - SPRITZ-PS: Validation of Synthetic Face Images Using A Large Scale Dataset of Printed Documents Document	PADUA, THE ITALY <i>May 18th ,2021</i>
Instructor Macquarie University - Machine learning techniques for image forensics in adversarial setting Certificate	SYDNEY, THE AUSTRALIA <i>May 18th ,2021</i>

Instructor

SHIRAZ, THE IRAN

National Iranian Oil Co. (NIOC)

Iranian Central Oil Fields Co. (ICOFC)

South Zagros Oil and Gas Production Co. (SZOGPC) (PJS)

- Application of MATLAB Software in Engineering (32 hours)
- Application of EXCEL Software in Engineering (40 hours)
- C++ Programming (30 hours)
- Microsoft Office

May 2015 – Feb. 2016

PERSONAL SKILLS

Language Skills

- **Farsi (Persian):** Mother tongue
- **Turkic (Qashqai):** Mother tongue
- **Turkic (Istanbul):** Intermediate
- **English:** Advanced
- **Italian:** Beginner

Communication Skills

- Excellent presentation and negotiation skills.
- Confident, articulate, and professional speaking abilities.
- Thrive in a team environment and work well with others.
- Enjoy working as a team member as well as independently.
- Team player.
- Highly analytical thinking with demonstrated talent.
- Innovative problem-solver who can generate workable solutions.

Organizational skills

- Conference/Event Coordination

Computer Skills

- Keras into Tensorflow (Python)
- Caffe
- OpenCV, (Visual Studio)
- MATLAB, (Image Processing, video Processing, machine learning/deep learning, and Libsvm)
- C++, (Visual Studio, Eclipse) and C#.Net, (Visual Studio)
- VHDL, (Modelsim and Xilinx) and MaxPlus, (MuxPlus and Quartus)

Professional Memberships

International Memberships

- ACM Professional Member, ID: 0204569
- Senior IEEE Member, from 2022 - Up to now
- Program Committee Member (PC), International World Wide Web Conference 2023
- Senior IEEE Member. Aug. 2022. [Certificate](#)
- IEEE Membership Certificate, 2019. [Certificate](#)
- Visual Information Processing and Protection (VIP), Siena, Italy, September 2016 – up to now.
- IEEE SPS – Multimedia Forensics, Membership ID: 94323863, Dec 2017 – up to now.
- EURASIP (European Association for Signal Processing, Membership ID: 8577, Nov 2017 – Dec 2018.
- IEEE Big Data Community, Membership ID: 94323863, 2017-2018.
- IEEE Smart Cities Community, Membership ID: 94323863, 2017-2018.
- IEEE Brain Community, Membership ID: 94323863, 2017-2018.
- IEEE Cybersecurity Community, Membership ID: 94323863, 2017-2018.
- IEEE Signal Processing Society, Membership ID: 94323863, 2017-2018.
- IEEE Student and Young Professionals Member, Membership ID: 94323863, 2017-2018.
- IEEE IRAN Section, 2014 – 2015.
- International Association of Computer Science and Information Technology (IACSIT), 2014 – up to now.

National Memberships

- Computer Society of Iran (CSI), 2014 – 2015.
- Iranian Society of Machine Vision and Image Processing (ISMVIP), 2014 – 2015.
- Iranian Association of Information and Communication Technology, 2014 – 2015.
- Informatics Society of Iran (ISI), 2014 – 2015.
- Iranian Association of Electrical & Electronics Engineers (IAEEE), 2014 – 2015.

Research Interests

- Multimedia Forensics (in particular, image forensics)
 - Machine/Deep approaches applied to forensic problems
 - Adversarial Machine Learning
 - Adversarial Multimedia Forensics
 - Biometric Security
 - Hardware cryptography
 - Information security
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Workshops and Seminars

Workshops

- MATLAB Programming workshop at Navid Pars Jonoob Higher Institute, Shiraz, Iran, 2016.
- OpenCV Fundamental workshop at Novin Tarasheh Alborz, Tehran, Iran, 2015.
- Essay Writing workshop at Armook, Tehran, Iran, 2014.
- FPGA Fundamental workshop at Novin Tarasheh Alborz, Tehran, Iran, 2013.
- Excel for Engineers workshop at Industrial Management Institute, Shiraz, Iran, 2013.
- Professional Search in the Internet Workshop at Industrial Management Institute, Shiraz, Iran, 2012.
- Basic Programming of PLCs-PLC211 workshop at Negar Sanat Isatis, Yazd, Iran, 2009.
- Web Pages Design & Editing workshop at Navid Pars Jonoob Higher Education Institute, Shiraz, Iran, 2008.
- Relief & First Aid workshop at Rescue & Relief Organization, Sadoogh, Yazd, Iran, 2008.

International Seminars and Webinars

- Mitacs Virtual Interaction Webinar (Canada), May 23, 2020. [Slides](#), and [Video](#)
 - VIPP research group meeting with Prof. Edward Delp, at the University of Siena, 1 April 2019.
 - Unveil Convolutional Neural Networks (CNNs) and Go Beyond, By C.-C Jay Kuo (University of Southern California), At IEEE ICIP 2018, Athens, Greece, 8 October, 2018.
 - Rethinking Convolutional Neural Networks (CNNs), By C.-C Jay Kuo (University of Southern California), At University of Siena, 30 May 2018.
 - Adversarial Machine Learning, By Dr. Ian GoodFellow, ACM Learning Webinar, 24 July, 2018.
 - On stochastic gradient descent, flatness and generalization, By Prof. Yoshua Bengio, University of Siena, Italy, 23 July, 2018.
 - Ethics and etiquette of publication: some dos and don'ts researchers should be aware of, in Auditorium of Santa Chiara Lab, By Prof. Mauro Barni, Siena, Italy, 30 November, 2017.
 - Microsoft University Tour at the University of Siena, Siena, Italy, 23 February, 2017.
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Extracurricular Activities and Interests

Sports

- Table Tennis, Chess, Soccer, Mountain Climbing

Hobbies

- Programming, Books, Movies, Computer Graphics, Music
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References

Professor Mauro Barni (My Ph.D. and First Postdoctoral Supervisor) UNIVERSITY OF SIENA, THE ITALY

Full Professor

Department of Information Engineering and Mathematics
Phone number: +39 0577 234850 int. 1005
barni@dii.unisi.it

Professor Mauro Conti (My Second Postdoctoral Supervisor)

UNIVERSITY OF PADOVA, THE ITALY

Full Professor

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conti@math.unipd.it

Professor Abhir Bhalerao

Associate Professor

Department of Computer Science
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Abhir.Bhalerao@warwick.ac.uk

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Professor Ali Mohammad Latif

Associate Professor

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YAZD UNIVERSITY, THE IRAN

Doctor Benedetta Tondi

Post doctoral fellow

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SHAHID BEHESHTI UNIVERSITY, THE IRAN

Professor Fatemeh Saadatjou

Associate Professor and Head of Computer Department

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ART AND SCIENCE UNIVERSITY, THE IRAN