

## Curriculum formativo, didattico, scientifico e professionale del candidato

### Dichiarazione sostitutiva di certificazioni

(Art. 46, D.P.R. 28 dicembre 2000 n. 445)

### Dichiarazione sostitutiva dell'atto di notorietà

(da sottoscrivere davanti all'impiegato addetto o da presentare o spedire con la fotocopia di un documento di identità)  
(Art. 47, D.P.R. 28 dicembre 2000 n. 445)

Estremi del bando di selezione	Number: 17/2021, Publication date: 27/04/ 2021
Informazioni aggiornate al	30/06/2021
Nome e Cognome	Milad Gholami

Si raccomanda di indicare con precisione tutti gli elementi valutabili ai sensi del bando di selezione (aggiungere o togliere righe secondo necessità).

#### Esperienza professionale

Periodo	Ente	Principali attività e responsabilità
2014–2017	Alborz University, Mohammadia, ghazvin (Iran)	Invited Lecturer. Courses Taught: Control System, Differential Equations, Physics.
2012–2017	Allameh Rafei of Higher Education, Ghazvin (Iran)	Invited Lecturer. Courses Taught: Signal & Systems, Electric Circuits, Electric Machines, Special Machine.
2014–2016	Arad Robotic, Ghazvin (Iran)	Robotic Engineer. Build and produce robots.
2013–2016	Darolfonoon of Higher Education, Ghazvin (Iran)	Invited Lecturer. Courses Taught: Control System Laboratory, Electric Machines, Electronic Circuits.
2012–2014	A.B.A. Institute of Higher Education, Abeyek, Qazvin (Iran)	Invited Lecturer. Courses Taught: Control System, Microcontrollers, Electric Circuits, Electronic Circuits, Engineering Mathematics.
2012–2013	Islamic Azad University Ghazvin Branch, Ghazvin (Iran)	Invited Lecturer. Courses Taught: Control System Laboratory, Electrical Laboratory
2007–2009	Under supervision of Dr. Farzad Razavi, Islamic Azad University Ghazvin Branch, Ghazvin (Iran)	Teaching Assistant. Courses Taught: Electric Machines, and Electric Circuits.

#### Istruzione, formazione (es. titoli di studio, certificazioni professionali/linguistiche/informatiche)

Data	Titolo / Principali tematiche	Ente
2017 –2020	PhD Degree in Industrial Engineering	Cagliari University (Italy)
2010 –2013	Master Degree in Mechatronics Engineering	Islamic Azad University Ghazvin Branch (Iran)
2007 –2009	Bachelor Degree in Electronics Engineering	Islamic Azad University Ghazvin Branch (Iran)
2004 -2006	Associated Degree in Electronics Engineering	Shahid Babai University, Ghazvin (Iran)

#### Pubblicazioni / Convegni

<ul style="list-style-type: none"> <li>M. Gholami, A. Pilloni, A. Pisano, E. Usai, “Robust distributed secondary voltage restoration control of AC Microgrids under multiple communication delays”, <i>Energies</i>, Multidisciplinary Digital Publishing Institute (MDPI), 2021, 14(4), 1165.</li> </ul>
<ul style="list-style-type: none"> <li>Pilloni, M. Gholami, A. Pisano, and E. Usai, “On the robust distributed secondary control of islanded microgrids,” in <i>Variable-Structure Systems and Sliding-Mode Control</i>. Springer, 2020, pp. 309–357.</li> </ul>
<ul style="list-style-type: none"> <li>M. Gholami, A. Pisano, and E. Usai, “Robust Distributed Optimal Secondary Voltage Control in Islanded Microgrids with Time-Varying Multiple Delays”, in <i>2020 IEEE 21st Workshop on Control and Modeling for Power Electronics (COMPEL)</i>. IEEE, 2020, pp. 1-8</li> </ul>

- M. Gholami, A. Pisano, S. M. Hosseini, and E. Usai, “Distributed finite time secondary control of islanded microgrids by coupled sliding-mode technique,” in 2020 IEEE 25th International Conference on Emerging Technologies and Factory Automation (ETFA). IEEE, 2020, vol. 1, pp. 454-461.
- M. Gholami, M. Hajimani, Z. A. Z. Sanai Dashti, and A. Pisano, “Distributed robust finite-time non-linear consensus protocol for highorder multi-agent systems via coupled sliding mode control,” in 2019 6th International Conf. on Control, Instrumentation and Automation (ICCIA). IEEE, 2019, pp. 1–6
- M. Gholami, A. Pilloni, A. Pisano, E. Usai. “Robust consensus-based secondary voltage restoration of inverter-based islanded microgrids with delayed communications”, IEEE Conf. Decision & Control (CDC), 2018, pp. 811-816
- M. Gholami, Zohreh Alzahra. Sanai Dashti, Masoud Hajimani, “Design and implementation of fuzzy parallel distributed compensation controller for magnetic levitation system”, IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 12, Issue 4, Ver. II (Jul. – Aug. 2017) PP 20-28.
- M. Gholami, Zohreh Alzahra. Sanai Dashti, Masoud Hajimani,” Brain emotional based intelligent controller for velocity control of an electro hydraulic servo system”, IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 12, Issue 4, Ver. II (Jul. – Aug. 2017) PP 29-35.
- Zohreh Alzahra Sanai Dashti, Milad Gholami, Mohammad Jafari, M. Aliyari Shoorehdeli, “Neural – Adaptive Control Based on BackStepping and Feedback Linearization for Electrohydraulic Servo System”, 12th Iranian Conference on Intelligent Systems (ICIS). IEEE, 2014.
- Masoud Hajimani, Zohreh Alzahra Sanai Dashti, Milad Gholami, Mohammad Jafari, M. Aliyari Shoorehdeli, “Neural Adaptive Controller for Magnetic levitation System”, 12th Iranian Conference on Intelligent Systems (ICIS). IEEE, 2014.
- Milad Gholami, Zohreh Alzahra. Sanai Dashti, M. Aliyari Shoorehdeli and M.Teshnehlab. “Design of Fuzzy Parallel Distributed Compensation controller for Magnetic Levitation System”, 13th Iranian Conference on Fuzzy Systems (IFSC). IEEE, pp.1-6, 2013.
- Z. A. S. Dashti, M. Gholami, M. A. Shoorehdeli, and M. Teshnehlab, “Neural Adaptive control for electrohydraulic servo system”, in Control Conference (ASCC), 2013 9th Asian, 2013. IEEE, pp. 1-6, Istanbul, Turkey.
- Zohreh Alzahra Sanai Dashti, Milad Gholami, Mohammad Jafari, M. Aliyari Shoorehdeli, M. Teshnehlab, “Speed Control of a Digital Servo System using Parallel Distributed compensation Controller and Neural Adaptive Controller”, 13th Iranian Conference on Fuzzy Systems (IFSC). IEEE, 2013.

### Altre attività scientifiche

<b>PhD Courses:</b>				
	<i>Title</i>	<i>Instructor</i>		
	Control of Network Systems	Prof. Mauro Franceschelli		
	Hybrid Systems	Prof. Alessandro Giua		
	Distributed Coordination of Multi-Agent Systems	Prof. Wei Ren		
	Multi-Agent Distributed Optimization and Learning over Wireless Networks	Prof. Ruggero Carli		
<b>MS Courses:</b>				
	<i>Title</i>	<i>Grade</i>	<i>Title</i>	<i>Grade</i>
	Mechatronics I	17.25/20	Advanced Robotic	18. 5/20
	Mechatronics II	18.75/20	Nonlinear Control	16/20
	Advanced Engineering Mathematics	20/20	Advanced Automatic Control	20/20
	Intelligent Control	18/20	Industrial Automation	19/20
	Graduate Seminar	20/20	Thesis	19/20
<b>Visiting period:</b>				
Technical University Berlin (TUB), Berlin, Germany, under the supervision of Prof. Jörg Raisch, September 1st, 2019- September 1st, 2020.				

### Ulteriori informazioni pertinenti

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Luogo e data: Cagliari, 30/06/2021