



Applicant Application Review

Full Name: Mahmoud Mohammed Othman




Personal Informations

Name:	Mahmoud Mohammed Othman
Gender :	1
Nationality :	Egyptian
Date of Birth :	1983-05-10
Country :	Egypt
City :	Assiut
Address :	Mechanical Engineering Department, Assiut University
ID Type :	28305102602413
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Education Information

Academic Degree :	PhD in Automatic Control
Academic Study :	University of Lorraine, France
Academic Grade :	Awarded
Data Gained :	2014-07-23
From :	2011-09-15
To :	2014-07-23
Academic Degree :	MSc in Mechatronics Engineerig
Academic Study :	Assiut University, Egypt
Academic Grade :	Awarded
Data Gained :	2010-07-15
From :	2007-09-01
To :	2010-07-15
Academic Degree :	BSc in Mechanical Engineering (Mechatronics Engineering)
Academic Study :	Assiut University, Egypt
Academic Grade :	Very good with honor
Data Gained :	2005-07-30
From :	2000-09-15

To :	2005-07-30
	
Emp Name :	Assiut University, Egypt
Emp Address :	Assiut, Egypt
Emp Title :	Lecturer at the Mechanical Engineering Department
Emp Description :	Prepare and present lectures for under- and post-graduate students, supervision of the tutorial sessions, supervision of MSc and PhD students, and Administrative work
From :	2016-11-06
To :	2020-07-19
Emp Name:	
Emp Address :	
Emp Title :	
Emp Description :	
From :	
To :	
Emp Name :	
Emp Address :	
Emp Title :	
Emp Description :	
From :	
To :	

Diploma :	PhD course
Study :	Gif-sur- Yvette, France
Grade :	Not applicable
Course :	Hybrid Dynamical Systems: Stability and Control
Conent :	
Organizing Body :	EECI-HYCON2 Graduate School on Control 2012
Data Gained :	2012-10-23
Data Attend :	2012-10-15
Diploma :	PhD course

8/5/2020https://academic-careers.ejust.edu.eg/admin/dashboard/job/applicant/553

Study :	Gif-sur- Yvette, France
Grade :	Not applicable
Course :	Introduction to Nonlinear Control
Conent :	
Organizing Body :	International Graduate School on Control 2012, EECl
Data Gained :	2012-10-05
Data Attend :	2012-10-01

otherqualification[0]

Research Fellowships :	1. Post-doc at the Eindhoven University of Technology (TU/e), The Netherlands (July 2015-October 2016) 2. Research and teaching assistant (ATER), ESSTIN, Université de Lorraine, France (Sep 2014-June 2015)
Scientific Committees :	1. IEEE Control Systems Society (member) 2. Egyptian Engineers Syndicate (member)
list of Publications :	Journal papers ===== 1. M. Abdelrahim, V.S. Dolk and W.P.M.H. Heemels, "Event-triggered quantized control for input-to-state stabilization of linear systems with distributed output sensors", IEEE Transactions on Automatic Control, 64(12), 4952 - 4967, 2019. 2. M. Abdelrahim, R. Postoyan, J. Daafouz, D. Nešić and W.P.M.H. Heemels, "Co-design of output feedback laws and event-triggering conditions for the L2-stabilization of linear systems", Automatica, 87, 337-344, 2018. 3. M. Abdelrahim, R. Postoyan, J. Daafouz and D. Nešić, "Robust event-triggered output feedback controllers for nonlinear systems", Automatica, 75, 96-108, 2017. 4. M. Abdelrahim, R. Postoyan, J. Daafouz and D. Nešić, "Stabilization of nonlinear systems using event-triggered output feedback controllers", IEEE Transactions on Automatic Control, 61(9), 2682-2687, 2016. 5. M. Abdelrahim, R. Postoyan and J. Daafouz, "Event-triggered control of nonlinear singularly perturbed systems based only on the slow dynamics", Automatica, 52, 15-22, 2015. 6. A. Sharkawy, M. Othman and A. Khalil, "A Robust Fuzzy Tracking Control Scheme for Robotic Manipulators with Experimental Verification", Intelligent Control and Automation, 2, 100-111, 2011. Conference papers ===== 1. M. Abdelrahim, J.M. Hendrickx and W.P.M.H. Heemels, "MAX-consensus in open multi-agent systems with gossip interactions", Proceedings of the 56th IEEE Conference on Decision and Control, Melbourne, Australia, PP. 4753–4758, 2017. 2. V.S. Dolk, M. Abdelrahim and W.P.M.H. Heemels, "Event-triggered consensus seeking under non-uniform time-varying delays", In Proceedings of the 20th IFAC World Congress, Invited Paper, Toulouse, France, PP. 10096-10101, 2017. 3. E.A. Escolástico, M. Abdelrahim, M. Guinaldo, S. Dormido and W.P.M.H. Heemels, "Design of periodic event-triggered control for polynomial systems: A delay system approach", In Proceedings of the 20th IFAC World Congress, Invited Paper, Toulouse, France, PP. 8159-8164, 2017. 4. M. Abdelrahim, V.S. Dolk and W.P.M.H. Heemels, "Input-to-state stabilizing event-triggered control for linear systems with output quantization", In Proceedings of the 55th IEEE Conference on Decision and Control, Invited Paper, Las Vegas, U.S.A., PP. 483-488, 2016. 5. M. Abdelrahim, R. Postoyan, J. Daafouz and D. Nešić, "Event-triggered dynamic feedback controllers for nonlinear systems with asynchronous transmissions", In Proceedings of the 54th IEEE Conference on Decision and Control, Invited Paper, Osaka, Japan, PP. 5494-5499, 2015. 6. M. Abdelrahim, R. Postoyan, J. Daafouz and D. Nešić, "Input-to-state stabilization of nonlinear systems using event-triggered output feedback controllers", In Proceedings of the 14th European Control Conference, Linz, Austria, PP.2185–2190, 2015. 7. M. Abdelrahim, R. Postoyan, J. Daafouz and D. Nešić, "Co-design of output feedback laws and event-triggering conditions for linear systems", In Proceedings of the 53rd IEEE Conference on Decision and Control, Invited Paper, Los Angeles, U.S.A., PP.3560-3565, 2014. 8. M. Abdelrahim, R. Postoyan, J. Daafouz and D. Nešić, "Stabilization of nonlinear systems using event-triggered output feedback controllers", In Proceedings of the 21th International Symposium on Mathematical Theory of Networks and Systems, Groningen, The Netherlands, PP.274-281, 2014. 9. M. Abdelrahim, R. Postoyan and J. Daafouz, "Event-triggered control of nonlinear singularly perturbed systems based only on the slow dynamics", In Proceedings of the 9th IFAC Symposium on Nonlinear Control Systems, Invited Paper, Toulouse, France, PP.347-352, 2013. Book contribution ===== 1. M. Abdelrahim, R. Postoyan, J. Daafouz and D. Nešić, "Output feedback event-triggered control", In Delays in Networked Control Systems, Editors: A. Seuret, L. Hetel, J. Daafouz, K.H. Johansson, Springer International Publishing Switzerland, PP.113-131, 2016.
Conferences Attended :	• 55th IEEE Conference on Decision and Control (CDC 2016), Las Vegas, U.S.A., Invited paper. • 14th European Control Conference (ECC 2015), Linz, Austria. • Réunion GT SDH-ENSAM, Invited talk "Event-triggered control of nonlinear singularly perturbed systems based only on the slow dynamics", Paris, France, 2015. • 54th IEEE Conference on Decision and Control (CDC 2015), Osaka, Japan, Invited paper. • 53rd IEEE Conference on Decision and Control (CDC 2014), Los Angeles, U.S.A, Invited paper. • 21th International Symposium on Mathematical Theory of Networks and Systems (MTNS 2014), Groningen, The Netherlands. • Université catholique de Louvain, Belgium, Invited talk "Output feedback event-triggered control", 2014. • 9th IFAC Symposium on Nonlinear Control Systems, 2013 (Toulouse, France).

Patents :	None
Research Grants (Awarded As PI) :	None
Contributed As Co-Pi :	None
Supervision of Postgraduate Students :	1. Mahmoud Assem, PhD student (2019-present), Assiut University, Egypt. 2. Nadin Abdo, MSc student (2019-present), Assiut University, Egypt. 3. Abrar Mahrous, MSc student (2019-present), Assiut University, Egypt. 4. Peter Adel, MSc student (2019-present), Assiut University, Egypt. 5. Amro Adel, MSc student (2018-present), Assiut University, Egypt. 6. Ernesto Aranda-Escolástico (7 months), Ph.D. work on “Periodic event-triggered control for polynomial systems”, Eindhoven University of Technology (TU/e), 2016. 7. Akarsh Sinha (6 months), M.Sc. thesis “Real-Time Path Planning and Collision Avoidance for Robotic Manipulators”, Eindhoven University of Technology (TU/e), 2016. 8. Bo Cong (6 months), Internship thesis “Stabilizability of Discrete-time Switched Linear Systems”, Eindhoven University of Technology (TU/e), 2016.

References Employer

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Position :	Professor of Mechanical Engineering at the Eindhoven University of Technology, Netherlands
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Position :	Professor of Electrical Engineering at The University of Melbourne, Australia
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