DR. AMR R. ALMADDAH
Assistant Professor, Dept. of Electrical and Computer Eng., King Abdulaziz University

Education

Degree	Field of Study	Institution	Year
PhD	Robotics and Intelligent Systems	Osaka University	2013
MS	Robotics and Intelligent Systems	Osaka University	2010
BS	Electronics and Communication	King Abdulaziz University	2007

Academic Experience

From	To	Institution	Rank	Title (Chair, Coordinator, etc.)	Full or Part Time
2007	2008	Arai lab - Osaka University	Researcher		Full Time
2012	2013	Osaka University	TA		Part Time
2014	Date	King Abdulaziz University	Assistant Professor		Full Time

Non Academic Experience *(including Consultations)*

From	To	Company/Entity	Title	Position Description (Brief)	Full or Part Time
2007	2008	Saudi Hollandi Bank	Premises Engineer	Maintenance supervisor	Full Time
2010	2013	Ayonix	Research Collaborator	Face Recognition and Image Processing systems developer.	Part Time
2013	2014	King Abdullah Petroleum Studies and Research Center	Research Associate	Researcher on World's energy market and the global supply/demand.	Full Time

Funded Research Projects and Patents from the Past Five Years

1. Face Relighting using Discriminative 2D Spherical Spaces for Face Recognition. Funded By The Japanese Grant-in-Aid for Scientific Research (C) 23500242.
2. Multi-Lighting for Unknown Objects Segmentation In Cluttered Environment. Funded By The Japanese Grant-in-Aid for Scientific Research (C) 23500242.
3. Novel Objects Segmentation and Material Classification for Separation. Funded By The Japanese Grant-in-Aid for Scientific Research (C) 23500242.
4. Object Pose Estimation By Multi-Surfaces SIFT Matching for Manipulation. Funded By NEDO Organization, Japan.

Certifications and Professional Registrations

1. Completion Certificate for FIAS Winter-school on Intrinsic Motivations, Frankfurt, Germany.
2. MCP Certificate.

Current Membership in Professional Societies and Organizations

Society/Organization	Rank	Member Since
1. Robotics Society of Japan	Member	2009
2. IEEE	Member	2012
3. Montij	Founding Member	2010
4. Technology Transfer in Arab World	Founding Member	2010

Honors and Awards

1. Award of Research Excellence for The Year 2013 Awarded By The Japanese Prime Minister.
2. Award of Research Excellence for The Year 2012 Awarded In The Japanese Parliament.

Institutional and Professional Services *(administration, committees, units, etc.)*

1. Consular for KAU Centre of Knowledge Creativity.
2. Engineering Faculty Students Clubs Supervisor.

Principal Publications/Presentations from the Past Five Years

1. Almaddah, A.; Vural, S; Mae, Y.; Ohara, K.; Arai, T.; "Face Relighting from a Single Image using Discriminative 2D Spherical Spaces" Journal of Machine Vision and Applications, (DOI) 10.1007/s00138-013-0584-z, 2013.
2. Almaddah, A.; Vural, S; Mae, Y.; Ohara, K.; Arai, T.; "Illumination Invariant Face Relighting and Recognition using 2D Spherical Space" Journal of Robotics and Mechatronics, vol. 25, no. 5, 2013.
3. Almaddah, A.; Mae, Y.; Ohara, K.; Arai, T.; "Illuminat Ion Invariant Objects Segmentation and Classification" SICE Journal of Control, Measurement, and System Integration, vol. 7, no. 2, pp. 090–095, March 2014.
4. Almaddah, A.; Mae, Y.; Ohara, K.; Arai, T.; "2D Spherical Spaces for Objects Recognition Under Harsh Lighting Conditions" IEEE International Symposium on Robot and Human Interactive Communication 2012 (ROMAN), 9-12 Sep. 2012, Paris, France.
5. Almaddah, A.; Vural, S; Mae, Y.; Ohara, K.; Arai, T.; "2D Spherical Spaces for Face Relighting Under Harsh Illumination" International Conference on Signal and Image Processing 2012 (ICSIP), 26-27 Sep. 2012, Rome, Italy.
6. Almaddah, A.; Mae, Y.; Ohara, K.; Takubo, T.; Arai, T.; "Visual and Physical Segmentation of Novel Objects" IEEE International Conference on Intelligent Robots and Systems 2011 (IROS), 25 Sep. 2011, San Francisco, USA.
7. Almaddah, A.; Mae, Y.; Ohara, K.; Takubo, T.; Arai, T.; "Unknown Objects Segmentation and Material Classification for Separation," IEEE International Conference on Robotics and Biomimetics 2010 (ROBIO), pp. 1457-1462, 14-18 Dec. 2010, Tianjin, China.
8. Almaddah, A.; Mae, Y.; Ohara, K.; Takubo, T.; Arai, T.; "Object Pose Estimation By Multi Surfaces SIFT Matching for Manipulation" The 6th International Conference on Ubiquitous Robots and Ambient Intelligence, 28-31 October 2009, Gwangju, Korea.

Recent Professional Development Activities *(Workshops, training, etc.)*

1. Workshop on Intellectual Properties and Patents, KAU, 23rd of April 2014, Jeddah, Saudi Arabia.
2. Workshop on Electro-Ceramics for Highly Efficient Energy Conversion and Storage, KAUST, 24th-25th of March 2014, Jeddah, Saudi Arabia.