

Faisal Mehmood

Lab Engineer

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About

Dr. Faisal Mehmood is working as Lab Engineer in the School of Mechanical & Manufacturing Engineering. Dr. Faisal Mehmood has published 8 research articles & conference papers having a citation count of 117, carried out 0 projects and filed 0 intellectual property.

Qualifications

MS in Robotics And Intelligent Machine Engineering NUST, Islamabad , Pakistan	2016 - 2018
BS in Electrical Engineering COMSATS Institute of Information Technology, Wah , Pakistan	2012 - 2016

Experience

Lab Engineer School of Mechanical & Manufacturing Engineering	2023- Present
Lab Engineer School of Mechanical & Manufacturing Engineering	2019 - 2019
Lab Engineer School of Mechanical & Manufacturing Engineering	2018 - 2019

Research Articles

- An Experimental Trial: Multi-Robot Therapy for Categorization of Autism Level Using Hidden Markov Model** 2021
Sara Baber Sial Faisal Mehmood Yasar Ayaz Muhammad Sajid Haleema Sadia Raheel Nawaz
Journal of Educational Computing Research, Pages 1-20
Impact Factor: 4.345 | **Quartile:** 1 | **Citations:** 6
DOI: <https://doi.org/10.1177/07356331211040405>
- Attentional behavior of children with ASD in response to robotic agents** 2021
Yasar Ayaz Faisal Mehmood Hamed Mahzoon Yuichiro Yoshikawa Hiroshi Ishiguro Haleema Sadia Sara Baber Sial
IEEE Access, Volume 9, Pages 31946-31955
Impact Factor: 3.476 | **Quartile:** 2 | **Citations:** 9
DOI: 10.1109/ACCESS.2021.3056211
- A Preliminary Study on Effectiveness of a Standardized Multi-Robot Therapy for Improvement in Collaborative Multi-Human Interaction of Children With ASD** 2020
Sara Baber Sial Yasar Ayaz Faisal Mehmood Muhammad Jawad Khan Umer Asgher Haleema Sadia Ernest Edifor Raheel Nawaz
IEEE Access, Volume 8, Pages 109466-109474
Impact Factor: 3.367 | **Quartile:** 2 | **Citations:** 14
DOI: 10.1109/ACCESS.2020.3001365
- Dominance in Visual Space of ASD Children Using Multi-Robot Joint Attention Integrated Distributed Imitation System** 2019
Faisal Mehmood Yasar Ayaz Sara Baber Sial Rita de Cassia Amadeu Haleema Sadia
IEEE Access, Volume 7, Pages 168815-168827
Impact Factor: 3.745 | **Quartile:** 1 | **Citations:** 23
DOI: DOI: 10.1109/ACCESS.2019.2951366
- An Adaptive Multi-Robot Therapy for Improving Joint Attention and Imitation of ASD Children** 2019
Sara Baber Sial Faisal Mehmood Darren Dancey Yasar Ayaz Muhammad Jawad Khan Noman Naseer Rita De Cassia Amadeu Haleema Sadia Raheel Nawaz
IEEE access, Volume 7
Impact Factor: 3.745 | **Quartile:** 1 | **Citations:** 62
DOI: 10.1109/ACCESS.2019.2923678
- Whole body motion and footstep planning for humanoid robots with multi-heuristic search** 2019
Yasar Ayaz Rizwan Asif Ali Athar Faisal Mehmood Fahad Islam
Robotics and Autonomous Systems, Volume 116, Pages 51-63
Impact Factor: 2.825 | **Quartile:** 2 | **Citations:** 3
DOI: 10.1016/j.robot.2019.03.007

Conference Proceedings

- Human Robot Interaction: Identifying Resembling Emotions Using Dynamic Body Gestures of Robot** 2023
Sara Ali Faisal Mehmood Khawaja Fahad Iqbal Yasar Ayaz Muhammad Sajid Muhammad Babar Sial Muhammad Faiq Malik Kashif Javed
2023 3rd International Conference on Artificial Intelligence (ICAI), res.country(177,)
Citations: N/A
DOI: 10.1109/ICAI58407.2023.10136649
- Effect of Paired Stimuli on Joint Attention of Children with ASD** 2020
Sara Ali Yasar Ayaz Muhammad Jawad Khan Faisal Mehmood Umer Asgher
International Conference on Applied Human Factors and Ergonomics, res.country(233,)
Citations: N/A
DOI: N/A