

Education

- Feb. 2023- Present **Ph.D. in Integrative Neuroscience, Department of Psychology, University of Nevada, Reno, US.**
Supervisor: Dr. Michael Webster
- Sep. 2017- Jan. 2021 **M.Sc. in Color Science, Department of Polymer Engineering and Color Technology, Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran.**
Thesis: The Effect of Saunderson Correction on Applicability of Kubelka-Munk Theory in Prediction of Optical Properties of Paints with Different Surface Structures
Supervisor: Dr. S. Gorji Kandi
Advisor: Dr. M. Mohseni Bozorgi
- Sep. 2013- Sep. 2017 **B.Sc. in Color Technology and Polymer Engineering, Department of Polymer Engineering and Color Technology, Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran.**
Thesis: Electrochemical Study of Zinc Phosphate Conversion Coating Applied on AA6061
Supervisor: Dr. A. A. Sarabi

Publications

International Conference Papers:

The effect of Saunderson correction on applicability of Kubelka-Munk theory in prediction of optical properties of paints with different gloss values. F. Charkhtab Basim, S. Gorji Kandi, 8th International Color and Coating Congress (ICCC), October 2021, Tehran, Iran, Accepted for Oral Presentation.

Electrochemical Study of Zinc Phosphate Conversion Coating Applied on AA6061. F. Charkhtab Basim, A.A. Sarabi, Sh. Roshan, 7th International Color and Coating Congress (ICCC), December 2017, Tehran, Iran.

Characterization of Plasma Treatment on High Density Polyethylene Surface Wettability and Adhesion. N. Mostofi Sarkari, F. Charkhtab Basim, A. Habibiyan, 6th International Color and Coating Congress (ICCC), November 2015, Tehran, Iran.

Investigation of Crystallinity Effects on the Surface of Oxygen Plasma Treated Poly(Ethylene Terephthalate). N. Mostofi Sarkari, A. Habibiyan, F. Charkhtab Basim, 6th International Color and Coating Congress (ICCC), November 2015, Tehran, Iran.

Honors and Rewards

Ranked 2 in National Universities Entrance Exam for Graduate Studies, Awarded Full Scholarship to Study at Amirkabir University of Technology. (2017)

Ranked among the top 1% of all 250000 Participants in The National Entrance Exam of Universities, and was awarded the undergraduate scholarship to study at Amirkabir University of Technology. (2013)

Admission to National Iranian Organization for Development of Exceptional Talents Middle School and High School and Ranked among top 1% of Participants in The National Entrance Exam. (2009 and 2006)

Workshops and Congresses

- 7th International Color and Coating Congress (ICCC), December 2017, Tehran, Iran.
- 5th Congress on Transportation, Traffic and Safety Coatings, December 2016, Tehran, Iran.
- 16th National Iranian Corrosion Congress, November 2015, Tehran, Iran.
- 6th International Color and Coating Congress (ICCC), November 2015, Tehran, Iran.
- 4th Congress on Transportation, Traffic and Safety Coatings, December 2014, Tehran, Iran.
- International Color Vision Society 2023, May 2023, St. Pete, US.