



**Suhad Sbeih** (Assistant Professor in Physics - German Jordanian University)

Germany, 2<sup>nd</sup> October 1985, [suhad.sbeih@gju.edu.jo](mailto:suhad.sbeih@gju.edu.jo), +962 798721440, Amman-Jordan

Languages Arabic (native), English (excellent).

#### Education

- PhD physics 2013-2018 MUN, Canada.
- MSc physics 2006-2009 UJ, Jordan.
- BSc physics 2002-2006 UJ, Jordan.

Research Lab Interface wetting lab - GJU

#### Work Experience

- Assistant Professor, GJU, *Feb 2018-present*.
- Teaching Assistant, MUN, *Aug 2013-Aug 2017*.
- Full Time Lecturer, GJU, *Feb 2012-Apr 2013*.
- Teaching Assistant, GJU, *May 2010-Feb 2012*.
- Lecturer, PSCC, *Dec 2009-Apr 2010*.
- Research Assistant, UJ, *Feb 2009-Feb 2010*.

#### Awards

- RA appointment grant DSR-GJU 2023-2024, Jordan.
- Seed grant DSR-GJU 2020-2022, Jordan.
- Visiting scholar grant from MPIP (2021) Mainz-Germany.
- Visiting scholar grant from MPIP (2019) Mainz-Germany.
- Excellence award MUN and NSERC 2013-2017, Canada.
- Excellence award physics dep. 2006-2009, Jordan.

#### Publications

- S Sbeih, A Lüleci, S Weber, W Steffen, The influence of ions and humidity on charging of solid hydrophobic surfaces in slide electrification, *Soft Matter*, 2024.
- S Sbeih, PS Mohanty, A Yethiraj, MR Morrow, 2H NMR Study of Polymer Segmental Dynamics at Varying Cross-Linking in Poly(N-isopropylacrylamide) Microgels, *Langmuir*, 2021.
- S Sbeih, W Steffen, M Kappl, Anti-wettability of Chemically and Physically Modified Glass Surfaces, *Advanced Materials Proceedings*, 2021.
- I Jum'h, MS Mousa, M Mhawish, S Sbeih, A Telfah, Optical and structural properties of (PANI-CSA-PMMA)/NiNPs nanocomposites thin films for organic optical filters, *Journal of Applied Polymer Science*, 2020.
- R Ramirez-Vazquez, S Arabasi, H Al-Taani, S Sbeih, J Gonzalez-Rubio, Georeferencing of personal exposure to radiofrequency electromagnetic fields from Wi-Fi in a university area, *International journal of environmental research and public health*, 2020.
- S Sbeih, PS Mohanty, MR Morrow, A Yethiraj, Structural parameters of soft PNIPAM microgel particles as a function of crosslink density, *Colloid and interface science*, 2019.
- SA Sbeih, P Mohanty, A Yethiraj, M Morrow, Deuterium NMR and rheology of microgel colloids at ambient and high pressure, *ASSOCIATION IN SOLUTION IV*, 2017
- AM Zihlif, Y Al-Ramadin, SA Sbeih, Physical characterization and performance of iron polymer composites, *Journal of Applied polymer science*, 2012.
- S Sbeih, A Zihlif, Optical and electrical properties of kaolinite/polystyrene composite, *Physics D: applied physics* 2009.

#### Selected Conferences

- European Advanced Materials Congress, oral presentation [Sweden - 2021]
- Association in Solution-ECI, oral and poster presentations [Canada - 2017]
- Canadian Association of Physicists, oral presentation [Canada - 2016]
- Aldrich conference, oral presentation [Canada - 2016]
- Canadian Association of Physicists, poster presentation-semifinalist nominee [Canada 2015]