

Name

Walid Khraisat

Education – degree, discipline, institution, year

-PhD, Chalmers University of Technology, Gothenburg, Sweden 1999 - 2004

-PhD degree in materials science and engineering

I did my PhD studies in the field of powder metallurgy (liquid phase sintering)

Thesis: Tailoring of liquid phase sintering and microstructure of sintered steel

Chalmers University of Technology, Gothenburg, Sweden 1997-1999

-Master of Science in materials science and engineering

Thesis: Metalized Plastics for Space Applications , Jordan University of Science and Technology, Irbid, Jordan 1991 - 1996

-Bachelor's degree in mechanical engineering (162 credit hours)

Academic experience – institution, rank, title (if appropriate), when, full time or part time

-Dalarna University, Borlänge, Sweden 2009-2012- assistant professor at the department of Material Science.

-Hashemite University, Zarqa, Jordan 2004-2009 -lecturer at the department of Industrial Engineering.

-University of Jordan – assistant professor 2013-2018

- University of Jordan – Associate professor 2013-2018

Non-academic experience – company or entity, title, brief description of position, when, full time or part time**Certifications or professional registrations****Current membership in professional organizations**

Member in the Jordanien engineering society

Member in the Swedish engineering society

Honors and awards

No honors and rewards

Service activities (within and outside of the institution)**The most important publications and presentations****2018**

1- N. A. Rawashdeh, J. M. Abu-Khalaf, W. Khraisat and S. S. Al-Hourani, A visual inspection system of glass ampoule packaging defects: effect of lighting configurations, International journal of computer integrated manufacturing, 2018,
<https://doi.org/10.1080/0951192X.2018.1447145>

2- W. Khraisat, W. Abu Jadayil, N. Rawashdeh, H.Borgström, The Role of Phosphorus in Pore Rounding of Sintered Steels, Cogent Engineering, Ref: COGENTENG-2017-0838R1

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2017

- 3- N.Rawashdeh, W. Khraisat, H.Borgström, Pinning Effect of Pores on Grain Growth in Sintered Steel, Jordan Journal of Mechanical and Industrial Engineering, Vol. 11, No.2,2017, pp73-78.
- 4- W.Abu Jadayil, W. khraisat, M. Shakoor, Different strategies to improve the production to reach the optimum capacity in plastic company, Cogent Engineering, Vol. 4, 2017 - Issue 1
- 5- W. Abu Jadayil, S. Abu Jadayil, W. Khraisat, M. Shakoor, N. Jaber, , creation of different cell layouts using part assignment process for manufacturing a traction drive speed reducer, International Journal of Modern Manufacturing Technologies, Vol.IX, ISSN 2067–3604, No. 2, 2017
- 6-Walid. Khraisat, N.A. Rawashdehb, , L. Nyborgc, Visualizing shear bands in 3-D using axisymmetric sample: An experimental study, Journal of King Saud University - Engineering Sciences, Vol. 29, Issue 3, July 2017, Pages 264-268.
- 2014**
- 7- M. Hayajneh, M. AL-Tahat, S. Alshobaki, W. Khraisat , An Investigation for the Potential of Improving the Performance of Pattern Making Process in Steel Foundries: Case Study, Applied Mechanics and Materials, DOI: 10.4028/www.scientific.net/AMM.575.900.

The most recent professional development activities