Firas Akasheh, Ph.D.,
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Publications and Presentations 2008-2017

Book Chapter

1. F. Akasheh "Dislocation Dynamics" Chapter Fou...

5. Firas Akasheh, Kenneth D. Dawson, and Jonathan Rocha "Comprehensive teaching dynamics of planar mechanisms based on... Proceedings of the 120th Annual Conference and Exposition, Atlanta, GA, June 23-26, 2013, Paper ID# 7321.

6. Z. Siddique, F. Akasheh, and G. E. Kremer, "Enhance Learning Using Smart Devices" Proceedings of the ASEE Annual Conference and Exposition, 2013, Paper ID 6142.

7. F. Akasheh, R. Echempati, and A. L. Sala, "Assessment of homework interventions" 2012 ASEE Annual Conference and Exposition, AC 2012-3610.

8. Siddique, Z., Saha, M. C., Akasheh, F. "Game-based Learning and Building an environment to support peer learning" Proceedings of the ASME 2012 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, DETC2012-70698.

9. Brown, A. O., Jensen, D. D., Rencis, J. J., Wood, K. L,, Watson, K. A., Chen, C., Labay, V. A., Orabi, I. I., Akasheh, F. E., Wood, J. J., Hackett, R. K., Jackson, S., Liu, J., Schimpf, P. H., Pham, A., Zimowski, K., Taylor, K. "Improving feedback on finite element learning modules and update..." Conference and Exposition, AC 2012-3281

10. Z. Siddique, G. E. Kremer, and F. Akasheh, "Peer Learning Using Smart Devices... Report on Working-Progress" Proceedings of the ASME 2012 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, DETC2013-12383.

11. F. Akasheh and D. Davis, "Undergraduate homework assignments and student learning outcomes" 2011 ASEE Annual Conference AC-2011-560.

12. M. Saha, Z. Siddique, F. Akasheh, B. Barus, C. Heiss, "Development of Scenario Based Teaching of Metal Casting Process" 2011 ASEE Annual Conference and Exposition, AC 2011-937

13. Siddique, Z., Saha, M. C., Baruah, B. and Akasheh, F. "Teaching Manufacturing Interactively (C3A) Providing..." Proceedings of the ASME 2010 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, DETC2010-28593.

14. Saha, M. C., Siddique, Z., Baruah, B. and Akasheh, F. "Teaching Manufacturing Interactively (C3A) – A Teaching Module for Manufacturing" 2010 ASEE Annual Conference & Exposition, AC 2010-638.

15.) $ N D V K H K + 0 = E L E 6 $ N D U D S X Multiscale modeling of D Q G '
G L V O R F D W L R Q P H F K D Q L V P V L Q Q D Q R V F D O H P X O W L O D \ H