Klebert Feitosa

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Education

Ph.D. Physics, University of Massachusetts Amherst, 2004

M.S. Physics, University of Massachusetts Amherst, 2002

Bachelors Physics, Universidade de São Paulo, Brazil, 1994

Appointments

Assistant Professor, Dept. Of Physics and Astronomy, James Madison University, 2010 - present

Postdoctoral Fellow, Dept. of Chemical and Biomolecular Eng., Univ. of Pennsylvania, 2008 - 2010

Adjunct Professor, Physics Department, Saint Joseph's University, 2009

Principal Scientist, Applied Technology, GlaxoSmithKline, 2007 - 2008

Postdoctoral Fellow, Dept. of Physics and Astronomy, Univ. of Pennsylvania, 2004 - 2007

Publications

Journal Articles

H.Q. Wang, K. Feitosa, N. Menon, Particle Kinematics in a Dilute, Three-dimensional, Vibration-fluidized Granular Medium, Phys. Rev. E, **80**, 060304 (2009)

K. Feitosa and D.J. Durian, Gas and Liquid Transport in Steady-state Aqueous Foam. Euro. J. Phys. E, **26**, 309 (2008)

K. Feitosa, O.L. Halt, R.D. Kamien, and D.J. Durian, Bubble Kinetics in a Steady-state Column of Aqueous Foam. Europhys. Lett., **76**, 683 (2006)

K. Feitosa, S. Marze, A. Saint-Jalmes and D.J. Durian, Electrical Conductivity of Dispersions: from Dry Foams to Dilute Suspensions. J. Phys.: Cond. Matter, **17**, 6301 (2005)

K. Feitosa and N. Menon, A Fluidized Granular Medium as an Instance of the Fluctuation Theorem. Phys. Rev. Lett., **92**, 164301 (2004)

Synergistic activities

2012 and 2011 Summer REU program at James Madison University (funded by DOD-ASSURE/NSF-REU grant # DMR-0851367). Five undergraduate students were part of the summer programs performing research in experimental soft materials systems. They presented their results on the REU research symposium, regional and national conferences.

Member of the organizing committee for JMuse Café (http://sites.jmu.edu/jmuse), a program that brings students and faculty together for academically rigorous discussions on complex topics. This project is sponsored by the JMU Library and allied departments.

Taught courses in University Physics, Energy and the Environment, The Structure of Matter and The Physical Nature of Light and Sound.

Participated on the establishment of the Tutorial in Physics program for introductory calculus based physics classes in the 2011-2012 academic year. Coordinating learning assistants program for 2012-2013 academic year.

Co-coordinator of outreach program *Physics is Phun* offered to local public and private schools in the area.

Collaborators

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Caran, K. L., James Madison University

Crocker, J. C., University of Pennsylvania

Durian, D. J., University of Pennsylvania

Manoharan, V. N., Harvard University

Tewari, S., Western New England University

Utter, B. C., James Madison University

Weeks, E. R., Emory University

Advisors

John C. Crocker, Associate Professor, Dept. of Chemical and Biomolecular Eng., University of Pennsylvania (postdoctoral advisor)

Douglas J. Durian, Professor, Dept. of Physics and Astronomy, University of Pennsylvania (postdoctoral advisor)

Narayanan Menon, Associate Professor, Dept of Physics, University of Massachusetts Amherst (Thesis Advisor)