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187. "Investigations of Thermal Properties of Carbon Nanotubes and Metal Oxide Nanomaterials Using Raman Spectroscopy and Molecular Dynamics Simulations," **P. Misra**, Invited talk at the Tata Institute of Fundamental Research, Colaba, Mumbai, India, February 3, 2015.
188. "Characterization of Nanomaterials Relevant to Energy Storage and Gas Sensing Applications Using Raman Spectroscopy & Molecular Dynamics Simulations," **P.**

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189. "Targeted Reinvigoration of Critical Key Aspects of the Undergraduate Physics Program in the Department of Physics and Astronomy at Howard University," **P. Misra**, D. Venable, G. Jenkins and B. Demoz. HBCU-UP/CREST PI/PD Meeting held February 18-19, 2015 in Washington, DC.
 190. "Raman Spectroscopic Characterization of Carbon Nanotubes & Tungsten Oxide of Relevance to Energy Storage and Gas Sensing Applications," **P. Misra**, D. Casimir, R. Garcia-Sanchez and S. Baliga. TechConnect 2015 Meeting held June 14-17, 2015 in National Harbor, MD.
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 192. "Application, Hiring & Tenure Process for New University Faculty," **P. Misra**, Invited Talk, *Apply for Faculty Positions Seminar Series*, Organized by the National Institute of Standards & Technology (NIST) PostDoc Association, NIST, Gaithersburg, MD, August 20, 2015.
 193. "Rayleigh-Plateau Instability of a Water Column aboard 'The Vomit Comet'!" **P. Misra**, Breakfast & Learn Series Invited Talk, Planetary Environments Laboratory/Code 699, NASA Goddard Space Flight Center, October 6, 2015.
 194. "Investigation of the Thermal Behavior of Single-Walled Carbon Nanotubes and Tungsten Oxide Nanostructures Using Raman Spectroscopy," **Prabhakar Misra**, Daniel Casimir, Raul Garcia-Sanchez, Christina Craig, Sarah Bartley, and Shankar Baliga, APS March Meeting, Paper S27.00004, Session S27: Carbon Nanotube & Related Materials: Thermal, Mechanical & Other Properties, Baltimore, MD, March 14-18, 2016.
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 196. "Low Gravity Gas-Liquid Contactor: Effects of Reduced and Zero Gravity on Rayleigh-Plateau Instability," Raul Garcia-Sanchez, Janelle Holmes, Ajamu Abdullah, Aara'L Yarber, Ryan O'Donnell, **Prabhakar Misra**, and Bradley Carpenter, International Journal of Advanced Research in Physical Science (IJARPS), Vol. 4, Issue 2, pp. 28-36, February 2017, ISSN 2349-7874 (Print) & ISSN 2349-7882 (Online).

197. “Rayleigh-Plateau Instability of a Water Column Aboard ‘The Vomit Comet’!” **Prabhakar Misra** and Raul Garcia-Sanchez, Hyperwall Talk, Thursday, December 14, 2017, American Geophysical Union (AGU) 2017 Meeting, New Orleans, LA.
198. “Raman Spectroscopy of Graphitic Nanomaterials,” Invited Plenary Talk, **Prabhakar Misra**, 1st North Indian Science Congress, NISC-2018 & International Conference on *Science and Technology for Sustainable Future*, B.B. Ambedkar University, Lucknow, India, January 10-11, 2018.
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