



## **Dr. Natasa Pavlovic**

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Natasa Pavlovic is a Professor of Mathematics at the University of Texas at Austin. She joined the Department of Mathematics at the University of Texas at Austin as an Assistant Professor in 2007, following a faculty appointment at Princeton University and postdoctoral appointments at the Institute for Advanced Study and Princeton University. Pavlovic completed her PhD at the University of Illinois at Chicago in 2002 under the supervision of Susan Friedlander and Nets Katz. The focus of Pavlovic's research is on partial differential equations, including wave and dispersive equations which are used as models for many wave phenomena from Bose-Einstein condensation to formation of freak waves in an ocean, equations of fluid motions and kinetic equations that describe dynamics of a dilute gas and are at the core of applied analysis, probability and statistical physics. She was a recipient of a Sloan Fellowship in 2008, held an Eisenbud Professorship at the Mathematical Sciences Research Institute in Berkeley in Fall 2015, and was named a Fellow of the American Mathematical Society in 2016. Also Pavlovic was an elected member at large of the Council of the American Mathematical Society and served on the Council in the period 2013 - 2016. Her teaching at the University of Texas at Austin has been recognized by John R. Durbin Teaching Excellence in Mathematics Award in 2009 and by the College of Natural Sciences Teaching Excellence Award in 2010.