THE FACULTY AND THEIR RESEARCH AREAS

Ian Aberbach, PhD (University of Michigan, 1990) Commutative Algebra Nakhle Asmar, PhD (University of Washington, 1986) Harmonic Analysis Gergely Bana, PhD (University of Pennsylvania, 2004) Computer Security, Cryptography William Banks, PhD (Stanford University, 1994) Cryptography, Number Theory Peter Casazza, PhD (University of Iowa, 1972) Frame Research Group, Operator Theory Calin Chindris, PhD (University of Michigan, 2005) Representation of Theory of Algebras Tanya Christiansen, PhD (Massachusetts Inst. of Tech., 1993) Scattering Theory, Partial Differential Equations, Spectral Theory S. Dale Cutkosky, PhD (Brandeis University, 1985) Algebraic Geometry, Commutative Algebra Stamatis Dostoglou, PhD (University of Warwick, England, 1990) Mathematical Physics, Fluid Mechanics Dan Edidin, PhD (Massachusetts Inst. of Tech., 1991) Algebraic Geometry, Frame Research Group Loukas Grafakos, PhD (University of California, Los Angeles, 1989) Harmonic Analysis Giovanna Guidoboni, PhD (University of Ferarra, Italy, 2004) Math Modeling, Fluid Mechanics Asma Harcharras, PhD (Paris 6 University, France, 1997) Functional Analysis Adam Helfer, PhD (Oxford University, England, 1986) Differential Geometry, Mathematical Physics, Relativistic Physics Steve Hofmann, PhD (University of Minnesota, 1988) Geometric Measure Theory, Harmonic Analysis, PDEs Alexander Koldobsky, PhD (St. Petersburg State University, Russia 1982) Convex Geometry, Functional Analysis, Harmonic Analysis, Prob. Theory Charles Li, PhD (Princeton University, 1993) Dynamical Systems, Fluid Mechanics, PDEs Konstantin Makarov, PhD (Leningrad State Univ., USSR, 1985) Math Physics, Operator Theory, PDEs, Scattering Theory, Spectral Theory Stephen Montgomery-Smith, PhD (Cambridge University, England, 1989) Fluid Mechanics, Frame Research Group, PDEs, Prob. Theory Carlo Morpurgo, PhD (Washington University, 1993) Harmonic Analysis, Isoperimetric Inequalities, Spectral Theory Michael Pang, PhD (London University, England, 1988) PDEs Peter Pivovarov, PhD (University of Alberta, Canada, 2010) Convex Geometry, Functional Analysis, Isoperimetric Inequalities, Probability Zhenbo Qin, PhD (Columbia University, 1990) Algebraic Geometry Jan Segert, PhD (Princeton University, 1987) Differential Geometry, Math Physic Hema Srinivasan, PhD (Brandeis University, 1986) Commutative Algebra Shuichiro Takeda, PhD (University of Pennsylvania, 2006) Number Theory, Representation Theory Allanus Tsoi, PhD (University of Alberta, Canada, 1990) Math Finance, Probability Theory Petros Valettas, PhD (University of Athens, Greece, 2012) Convex Geometry, Probability, Functional Analysis Igor Verbitsky, PhD (Kazan State University, Russia, 1979) Harmonic Analysis, PDEs Samuel Walsh, PhD (Brown University, 2010) Dynamical Systems, Fluid Mechanics, PDEs Shuguang Wang, PhD (Oxford University, England, 1990) Differential Geometry Dana Weston, PhD (University of Illinois, Urbana-Champaign, 1986) Commutative Algebra

Qi Zhang, PhD (Duke University, 1990) Algebraic Geometry

Graduate Studies in Mathematics



University of Missouri

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- The math department houses the Frame Research Center (FRC) (framerc.org). The FRC conducts research in applied mathematics supported by the National Science Foundation and the Department of Defense. The FRC also has interdisciplinary research projects with the College of Engineering, the School of Medicine and the Department of Computer Science. PhD students in the FRC have opportunities to work with faculty and postdocs as well as visiting associated faculty at other institutions from around the world to broaden their education as well as taking part in joint research projects.

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