The IMPRS – MiS was established in 2004 as a cooperation of the MPI for Mathematics in the Sciences, the Department of Mathematics and Computer Sciences, and the Department of Physics of the University of Leipzig.

It leads interested graduate students towards research problems in the physical and life sciences. This involves a broad range of mathematical fields. Specific subject areas are:

- Applied Algebra, Algebraic Statistics, and Combinatorics
- Complex Systems in Economics, Evolutionary Processes, and Neurobiology
- Geometric and Functional Analytic Methods in Mathematical Physics
- Partial Differential Equations and Continuum Physics
- Quantum Field Theory, Particle Physics
- Riemannian, Algebraic, and Symplectic Geometry and Hamiltonian Systems
- Stochastic Processes, Many Particle Systems

Application deadlines:
May 01 and December 01 each year!