Nonlinear Beltrami equations: Families of quasiconformal maps

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We discuss different properties of nonlinear Beltrami equations, in particular, the manifold structure of solutions (family of quasiconformal maps), regularity, and uniqueness properties of normalised solutions. The talk is based on joint works with Kari Astala, Albert Clop, Daniel Faraco, Aleksis Koski and László Székelyhidi.