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**Rahim Moosa\*** ([rmoosa@uwaterloo.ca](mailto:rmoosa@uwaterloo.ca)), Department of Pure Mathematics, University of Waterloo, 200 University Avenue West, Waterloo, Ontario N2L 3G1, Canada. *Compact complex manifolds with a generic automorphism*. Preliminary report.

Bays, Gavrilovich, and Hils have observed that if CCM denotes the theory of compact complex manifolds in the language of complex-analytic sets, then the theory of models of CCM equipped with an automorphism has a model companion, denoted by CCMA. The theory CCMA has the same relationship to meromorphic dynamical systems that ACFA has to rational dynamical systems. I will discuss work-in-progress, joint with Martin Bays and Martin Hils, that begins a systematic study of CCMA as an expansion of ACFA. In particular, we prove the Zilber dichotomy for finite-dimensional minimal types. (Received September 12, 2014)