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David Marker* (marker@uic.edu), Mathematics, Statistics, and Computer Science, UIC (MC 249), 851 S. Morgan St., Chicago, IL 60607. *Model theory and differential algebraic geometry.*

Model theory provides a new set of tools for approachIng problems in differential algebraic geometry while also raising a new set of interesting questions. I will survey some of these developments. (Received September 06, 2011)