962-N1-1328   **Jean-Marie Laborde*** (`Jean-Marie.Laborde@imag.fr`). *Algebraic curves in a Dynamic Interactive Geometry Environment like Cabri.*

Lines as curves of degree one, along with circles, have played a central role in the development of Euclidean geometry, often seen as the geometry of ruler and compass. Today, modern dynamic software with direct manipulation adds general conics, i.e. curves of degree 2, as new tools for construction and reasoning, making them just as easy to use as a lines in classical geometry. In Cabri Geometry conics are basic tools, defined by 5 points the same way a line is defined by 2 points. This presentation will explore how Cabri can be used to construct, draw and investigate the world of cubics defined by 9 points. (Received October 03, 2000)