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Dawei Chen* (dawei.chen@bc.edu), 266 Carney Hall, Department of Mathematics, Boston College, Chestnut Hill, MA 02467, and **Izzet Coskun** (coskunizzet@gmail.com), 851 S. Morgan St, MSCS, University of Illinois at Chicago, Chicago, IL 60607. *Extremal effective divisors on moduli space of curves*. Preliminary report.

The cone of effective divisors plays a central role in the study of birational geometry of a variety X . In this talk I will give an introduction to this subject and report some recent progress on the case when X is the moduli space of curves with marked points in low genus. This is joint work with Izzet Coskun. (Received June 13, 2013)