1086-14-2232     **Lance Gurney\*** (`lance.gurney@anu.edu.au`). *Lambda structures on stacks.*

For a flat scheme to have a Lambda structure is to ask that it have a commuting family of Frobenius lifts. I'll discuss what it means for a stack to have a Lambda structure and then describe the simple, though still interesting, example of the Lambda structure on the moduli stack of elliptic curves with complex multiplication. Finally, I'll make some remarks on how the Lambda structure on this stack relates to some aspects of elliptic curves with complex multiplication (in particular when they admit Lambda structures and to a certain type of "canonical lift" for such curves). (Received September 25, 2012)