From https://www.youtube.com/watch?v=8-AZys80RrU it looks like Casper is undergoing major changes and the new version will be based on BLS signatures.

Is it known at the moment, which elliptic curve is going to be used for Casper? Also, which Distributed Key Generation is going to be used for Casper? Is it going to be joint-Feldman?

How is one going to handle adding/removing validators to/from an existing validator set? When a validator joins, one will need generate a key share for this validator ...