1099-11-118 **Dinesh S Thakur*** (`dinesh.thakur@rochester.edu`). *Higher congruences and Higher arithmetic derivatives.*

We will explain how two function field analogs of Fermat and Wilson congruences, get linked with each other as well as with various arithmetic derivatives, when looked at modulo higher powers of primes. There are also links with zeta values carrying over to number fields. We will also mention some open questions. (Received February 03, 2014)