

---

**SIDDARTH SANKARAN**, McGill University

*On two arithmetic theta lifts*

I will report on joint work with Stephen Ehlen, in which we study certain families of Green functions attached to divisors on orthogonal and unitary symmetric spaces. Along the way, we will encounter a curious construction of a section of the Maass lowering operator for classical modular forms. Time permitting, I will also discuss applications to the arithmetic geometry of Shimura varieties.