Why I am excited about the use of Massey products in Galois theory (Joint work with Nguyen Duy Tan). Preliminary report.

I am excited about the use of Massey products in Galois theory because Massey products seem to be efficient tour guides in “Galoisland”. They point out explicit, elegant constructions of Galois p-extensions over all fields. They also point out further exciting connections with the Bloch-Kato conjecture and its possible refinements, as well as connections with various techniques from both classical and modern arithmetic, geometry, and topology. I hope to share some of my excitement about these topics with the audience. This is joint work with Nguyen Duy Tan. (Received September 04, 2015)