Koenigsmann, *Fields with the absolute Galois group of $\mathbb{Q}$*

I will explain how arithmetic properties of the field $\mathbb{Q}$ of rational numbers are encoded in its absolute Galois group: in any field whose absolute Galois group is isomorphic to that of $\mathbb{Q}$ almost all theorems of algebraic number theory are true. My research in this area started with and was greatly supported by Alex Prestel.