Period numbers

Abstract:

Periods are numbers obtained by differential forms with rational coefficients. They form an extremely interesting subalgebra of the complex numbers, containing \$\sqrt{2}\$, \$\log(3)\$ and the most famous of all: \$\pi\$.

I want to explain the (conjectural) internal structure of this algebra and its relation to the theory of motives.

Frau Prof. Dr. Annette Huber-Klawitter