Oberseminar Zahlentheorie
und arithmetische Geometrie

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Multiple Eisenstein series and
a new class of multiple q-zeta values

Multiple zeta values are natural generalisations of the values of The Riemann Zeta function at positive integers. These number fulﬁll remarkable identities and have fare reaching relations to many branches of mathematics and physics. If one considers a similar generalisation of the Eisenstein series one obtains the multiple Eisenstein series which will be discussed in this talk. These functions are not modular anymore, but still satisfy many interesting relations and moreover they give rise to a new class of a q-deformation of multiple Zeta values.

This is joint work with Henrik Bachmann (Hamburg).

Mittwoch, 22.04.2015, 16:00 – 17:00, a410

Alle Interessierten sind herzlich eingeladen.