

**Friday, December 4th** (at 3.00pm, UK time)

*Julien Roussillon (KTH Stockholm)*

Title: *The Virasoro fusion kernel and Ruijsenaars' hypergeometric function*

---

**ABSTRACT**

On the one hand, the Ruijsenaars hypergeometric function is a special function which appears in the context of quantum relativistic Calogero-Moser systems of hyperbolic type. On the other hand, the Virasoro fusion kernel is a special function which plays a key role in the conformal bootstrap approach to two-dimensional conformal field theories.

In this talk, we will first review the definition of the two functions and the context in which they appear. Then, we will show that up to normalization the two function are equal.

---