

# Opening Lecture of International Workshop Enveloping Algebras and Representation Theory

**Professor Victor Kac,  
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**Thursday, August 28, 2014 - 9:30 am  
Auditorium A-1043**

*Algebraic theory of integrable systems*

**Abstract:**

I will explain how the recently introduced notions of local and non-local Poisson vertex algebras are used to establish integrability of Hamiltonian partial differential equations.