

First Joint Meeting Brazil Italy of Mathematics  
Special Session: Probability and Statistical Mechanics

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**Title:** Exponential convergence for the Fredrikson-Andersen one spin facilitated model on bounded degree graphs

**Speaker:** Glauco Valle (UFRJ)

**Abstract:** We prove exponential convergence to equilibrium for the Fredrikson-Andersen one spin facilitated model on bounded degree graphs under subexponential growth condition. This was a classical conjecture related to non-attractive spin systems.