

Two Days in Quantum Field Theory

<http://cmtp.uniroma2.it>

First Session - *Algebraic Quantum Field Theory*

in memory of Claudio D'Antoni

January 10, 2011

**Department of Mathematics University of Rome Tor Vergata
Room “Dal Passo”**

12:00 – 13:00 *Recollections about Claudio D'Antoni*

Break

14:30 - 15:15 Klaus Fredenhagen (Hamburg)
Towards an algebraic approach to gauge theories and gravity

15:30 - 16:15 Henning Bostelmann (York)
Locality in models of massless scattering

16:30 - 17:15 Laszlo Zsido (Rome)
Working with flat tube theorems

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Second Session – *Conformal Field Theory*

January 11, 2011

Laboratori Nazionali di Frascati

Aula Direzione

11:00 Victor Kac (MIT)

Classification of 3-algebras arising in N-Supersymmetric 3-dimensional Chern-Simons theories

12:00 Davide Fioravanti (Bologna)

Integrability, and Conformal Field Theory

Break

Aula Touschek

14:30 Mihály Weiner (Budapest)

An algebraic version of Haag's theorem

15:30 Sebastiano Carpi (Chieti)

From vertex operator algebras to conformal nets

Break

17:00 Francesco Sannino (CP-3 Odense)

Conformal Field Theory, and the origin of mass

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