



Non-perturbative Quantum Field Theory

This is a course supported by an Erasmus Intensive Programme grant. The objective is to teach in a single coordinated course classic non-perturbative quantum field theory techniques developed in the seventies and eighties in tandem with advanced AdS/CFT, the novel method for analyzing strongly coupled quantum field theories.

The target group is young researchers (at the master's and doctoral level) from European institutions (mostly) studying theoretical problems with strong coupling physics from various physics disciplines.

The number of participating students is limited. The costs of up to 30 students from participating universities will be funded by the Erasmus IP administered in Greece by IKY. A limited amount of students from other universities will also be accepted. Students should apply by registering at <http://hep.physics.uoc.gr/Erasmus-IP-2013/> where details about the course are provided.

Important Dates

- Deadline for application/registration: 20 December 2012
- Selection of students: : 23 December 2012. Late applications are possible only if positions are still available.
- Beginning of the Course: : 1 April 2013.
- End of the Course: : 28 April 2013.

