

**School of Mathematics**

**Module MA4445 — Quantum field theory I**  
(SS Theoretical Physics, SS Mathematics )

2009-10

**Lecturer:** Dr. Sergey Cherkis

**Requirements/prerequisites:** prerequisites: 441, 443

**Duration:** Michaelmas term, 11 weeks

**Number of lectures per week:** 3 lectures including tutorials per week

**Assessment:**

**End-of-year Examination:** This module will be examined jointly with MA4446 in a 3-hour examination in Trinity term, except that those taking just one of the two modules will have a 2 hour examination.

**Description:** Somewhat similar to first half of previous module 444.

Refer to <http://www.maths.tcd.ie/pub/official/Courses08-09/444.html>

May 1, 2009