



# Introduction to circuit and cavity QED

“Winter” school of the CCQED ITN network  
network coordinator G. Rempe (MPQ, Garching)

in Les Houches (France)  
26 February - 02 March, 2012.

## Organizers

Karim Murr (LENS and Università degli studi, Florence)

Michel Brune (LKB, ENS, CNRS, Paris)

Jean-Michel Raimond (LKB, ENS, Université P. et M. Curie, Paris)

## Confirmed Invited lecturers

P. Bertet

H. Carmichael

K. Murr

J.M. Gérard

J.M. Raimond

G. Rempe

## Participants

The school is aimed at PhD students and Post-docs working in the field of circuit and cavity QED. Besides a general introductory course, there will be lectures on the experimental realizations in different physical systems such as atoms in optical or micro-wave cavities, super-conducting circuits, quantum dots in photonic crystal cavities... The participants will learn about the possibilities and the difficulties that each of the systems is offering. Theory sessions will complement the experimental lecture. We encourage the participants to present posters about their work to exchange ideas and activate discussions.

## Registration and information

<http://www.ccqed.eu>

<http://houches.ujf-grenoble.fr>