ECT*
EUROPEAN CENTRE FOR THEORETICAL STUDIES IN NUCLEAR PHYSICS AND RELATED AREAS
TRENTO, ITALY
Institutional Member of the European Expert Committee NuPECC

ECT* Doctoral Training Programme 2018
Trento, May 28 - June 22
QCD under extreme conditions

Programme Coordinators
Gert Aarts (Swansea University)
Dirk Rischke (Johann Wolfgang Goethe-Universität Frankfurt)

Students’ Coordinator and Advisor
Georges Ripka (Saclay and ECT*)

Lecturers and topics
Aleksi Vuorinen (University of Helsinki, Finland) – Thermal field theory
Dirk Rischke (J. W. Goethe-Universität Frankfurt, Germany) – Symmetries in quantum mechanics and particle physics
Claudia Ratti (University of Houston, USA) – QCD thermodynamics
Gert Aarts (Swansea University, UK) – Sign problem at nonzero density
Jan M Pawlowski (Universität Heidelberg, Germany) – Functional renormalisation group
Andreas Schmitt (University of Southampton, UK) – Dense matter
Tuomas Lappi (University of Jyväskylä, Finland) – Early stages of heavy-ion collisions
Ulrich Heinz (Ohio State University, USA) – Hydrodynamical description of heavy-ion collisions

Applications
Applications for the ECT* Doctoral Training Programme should be made electronically through the ECT* web page.
It should include: a curriculum vitae, a 1-page description of academic and scientific achievements,
a short letter expressing the applicant’s personal motivation for participating in the programme.

In addition, a reference letter from the candidate’s supervisor should be sent to:
Professor Jochen Wambach - Director of ECT* (email to Serena degli Avancini serenada@ectstar.eu, fax: +39 0461 314 747)

Deadline for applications: March 30, 2018
For further details see www.ectstar.eu