

Liste des acronymes

AC Alternating Current. 73

AOM Acousto-Optic Modulator. 70, 78, 124, 126–128

Au aurum. 72

BA Bethe Ansatz. 2, 3, 18, 21, 129

BCB benzocyclobuténe. 72

C2N Centre de nanosciences et de nanotechnologies. 72, 74

CCD Charge-Coupled Device. 79

CESQ Centre européen de sciences quantiques. 139

DBR Distributed Bragg Reflector. 124, 125

DC Direct Current. 69, 73, 74

DFB Distributed Feedback. 70, 124

DMD Dispositif de Micromirroirs Digitaux. 2, 69, 77–79, 85, 86, 88, 89, 93, 96, 97, 128

FBA Fermionic Bethe Ansatz. 18

GE Gibbs Ensemble. 26

GGE Generalized Gibbs Ensemble. 1, 2, 11, 21, 23–30, 32, 34, 37, 50, 51, 54, 55, 61, 67, 85, 129, 130

GHD Generalized Hydrodynamics. 1, 2, 39, 41, 42, 44, 46–48, 50, 69, 80, 85–88, 91–96, 98–101, 104–106, 129, 135

GP Gross–Pitaevskii. 11, 48, 50, 80, 87

LCF Laboratoire Charles Fabry. 1, 37, 72, 74

LDA Local Density Approximation. 40, 41, 85

LL Lieb–Liniger. 2, 3, 11, 12, 15, 16, 18, 20, 21, 24, 25, 37, 41, 42, 46, 48, 51, 52, 55, 56, 65, 67, 76, 92, 93, 129

NLS Nonlinear Schrödinger. 11

PBS Polarizing Beam Splitter. 70

PMO Piège Magnéto-Optique. 69–72, 74

qBEC quasi Bose–Einstein Condensate. 1, 2, 35, 37, 48, 75, 80, 86, 87

SiC silicon carbide. 72

SYRTE Systèmes de Référence Temps-Espace. 69

TA Tapered Amplifier. 70, 125–128

TBA Thermodynamic Bethe Ansatz. 2, 21, 23, 29, 37, 39, 63, 65, 85, 86, 100, 129

TF Thomas-Fermi. 48, 80, 83

