

# GLOSSARY OF ACRONYMS

AO	acoustic-optic	AR	anti-reflection
AQS	actively Q-switched / active Q-switching		
CML	continuous mode-locked / CW mode-locking		
CW	continuous wave		
DBR	distributed Bragg reflector	DOS	density of states
DPSSL	diode-pumped solid-state laser		
HR	high-reflection	HT	high-transmission
ICF	intensity correlation function	IPR	inverse participation ratio
LD	laser diode		
MOCVD	metalorganic chemical vapor deposition		
MQWs	multiple quantum wells		
OC	output coupler	OPA	optical parametric amplifier
OPEs	order parameter equations	OPO	optical parametric oscillator
PL	photoluminescence	PM	phase matching
PQS	passively Q-switched / passive Q-switching		
PR	partial-reflection	PRF	pulse repetition frequency
QD	quantum dot	QW	quantum well
SBR	saturable Bragg reflector		
SESA	semiconductor saturable absorber		
SESAM	semiconductor saturable absorber mirror		
SHG	second harmonic generation	SRS	stimulated Raman scattering
THG	third harmonic generation		
VCSEL	vertical cavity surface emitting laser		
VECSEL	vertical external cavity surface emitting laser		
WL	weak localization		