



	SASE (CW XFEL)	XFELO
• Peak power	~10 GW	~ 10 MW
• Average power	~ 100 W (at ~ 1 MHz)	20 W (at ~ 1 MHz)
• Spectral bandwidth	~ 10 eV	~ 1 meV
• Pulse length	~ 1 - 100 fs	~ 1 ps
• Stability	Poor	Excellent
• Longitudinal coherence	Poor	Excellent
• Transverse mode	Defined by gain-guiding	Defined by the optical cavity