**Fibre Laser Sources for Spectral and Temporal Versatility**

All-fibre seeded master-oscillator power-fibre amplifiers, pumping integrated non-linear fibres and crystals allows spectral versatility through Raman, parametric, difference frequency generation and second harmonic generation as well as via solitonic and supercontinuum generation processes. These schemes demonstrate extensive pulse width (femtosecond to nanosecond) and repetition rate selectivity at multi-watt level average powers. The performance of numerous systems will be described, operating from the ultra violet to the mid infra-red. The advantages as well as the disadvantages of the various schemes will be considered.