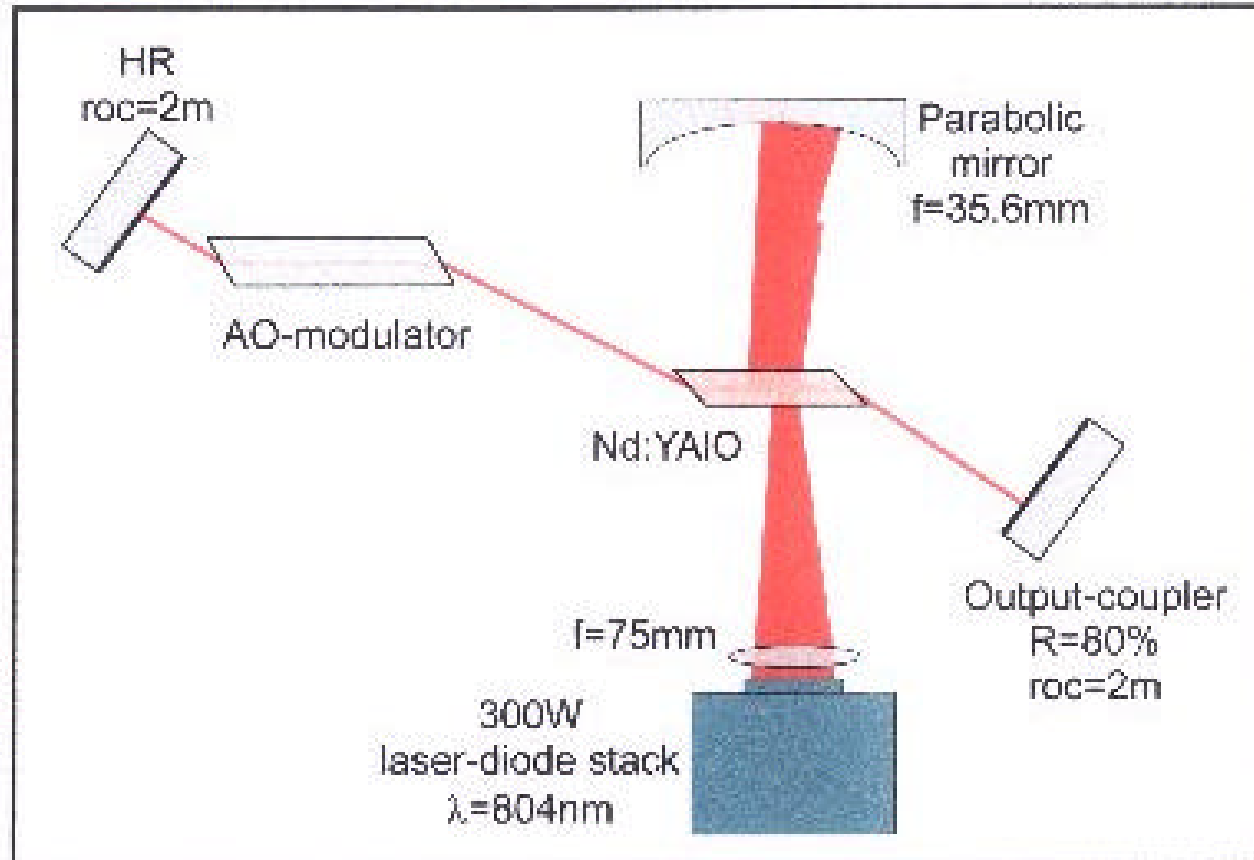


Oscillator Developments

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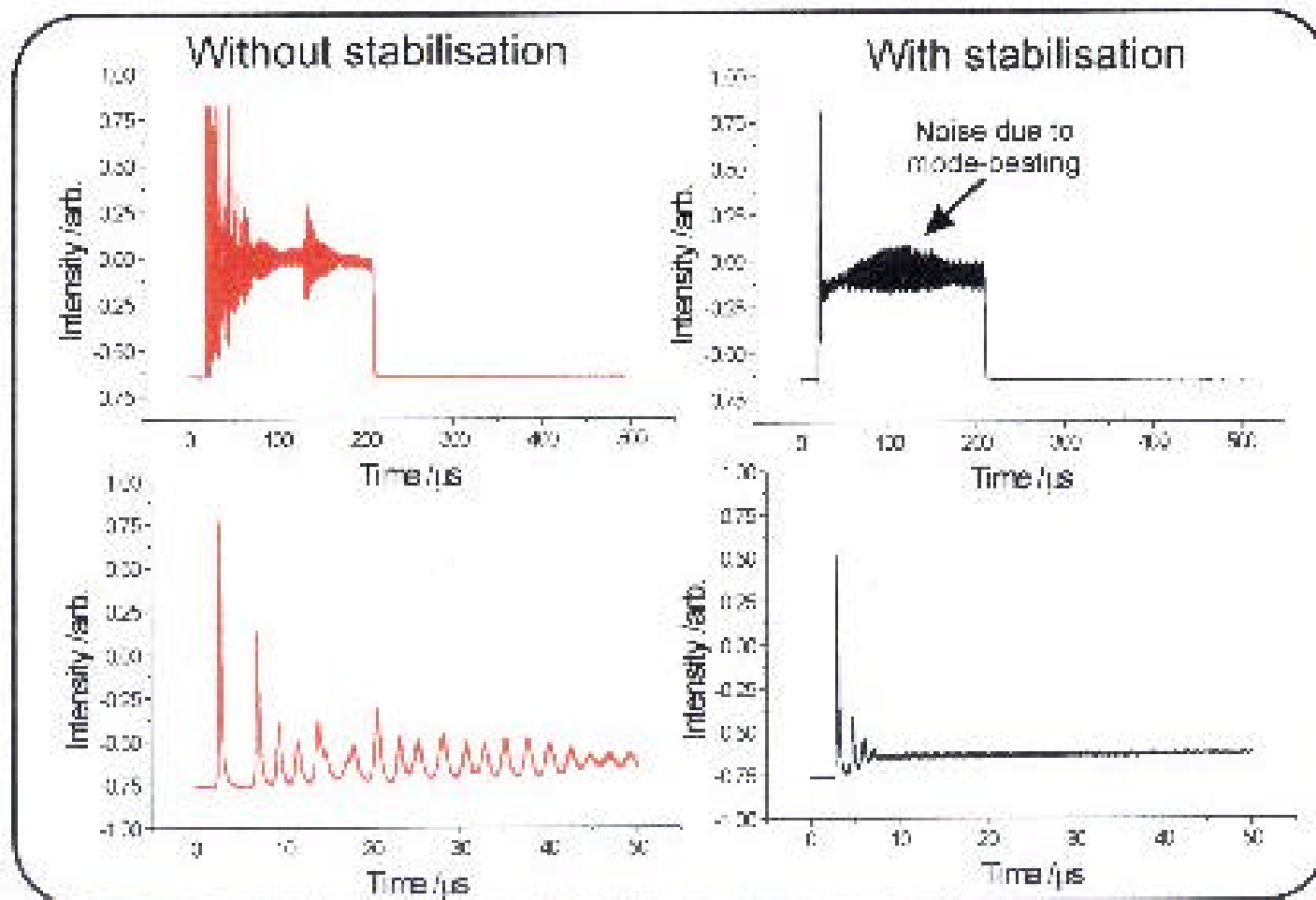
Schematic of laser



- Pump diodes operated at 300W quasi-CW: 200 μs pulse at 100Hz
- Cavity length: 24 cm

Combined differential+proportional stabilisation of quasi-cw Nd:YLF laser

- Peak power after stabilisation (in $200\mu\text{s}$) = 60W (300W pump)



Schematic of feedback loop for proportional control

