

LASER  
BEAM  
800 nm  
1 kHz  
40 fs

Ar  
40 mbar

Fibre  
 $\phi = 200 \mu\text{m}$   
 $L = 4 \text{ cm}$

Photodiode  
(PD1)

Photodiode  
(PD2)

Plane grating  
 $155^\circ, 470 \text{ tr/mm}$

PM  
visible

Fast  
PM

PM  
VUV

Crystal

NaSal

Slit  
 $2 \text{ \AA/mm}$

Suppression of  
"zero" order

High Harmonics Generation

Monochromator

Analysis chamber

