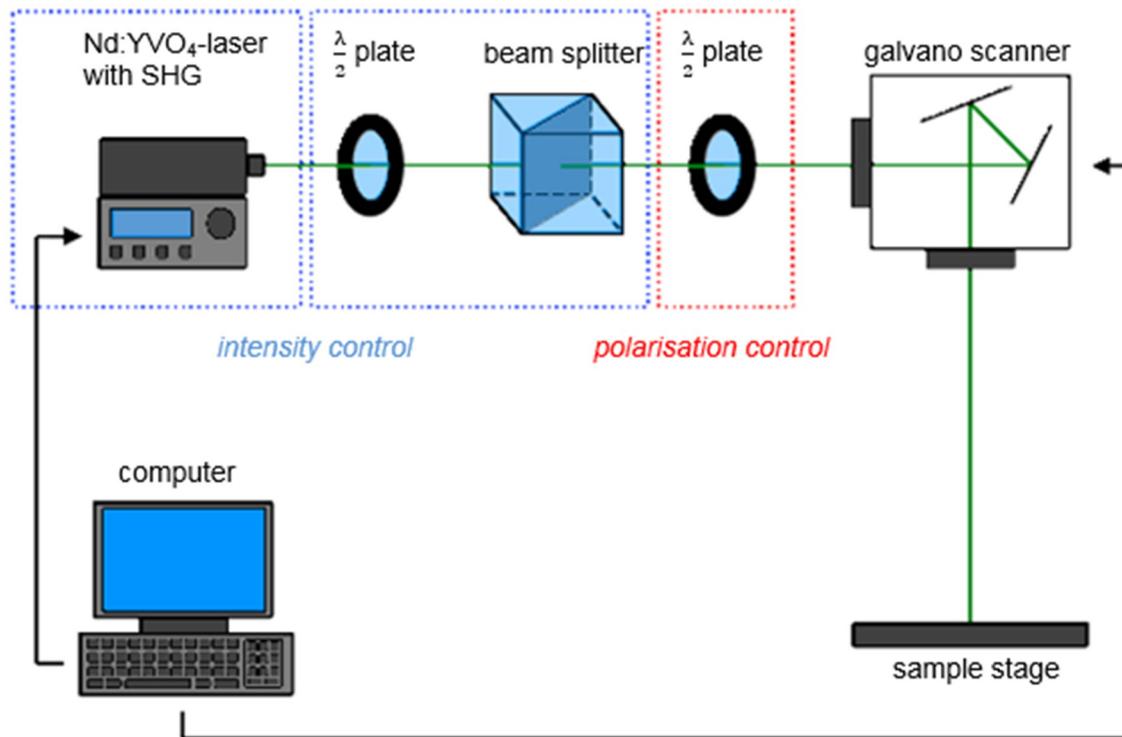


Supplementary

Formation of Highly Ordered Platinum Nanowire Arrays on Silicon via Laser-Induced Self-Organization

Following image shows the scheme of the used laser setup.



Supplementary Figure S1. Scheme of the used laser setup.

A Nd:YVO₄-laser with second harmonic generation-crystal illuminates the sample through a $\lambda/2$ plate, followed by a beam splitter regulating the intensity of the beam. The polarisation of the laser beam is controlled via a second $\lambda/2$ plate. A Galvano scanner is used to move the laser spot over the sample.