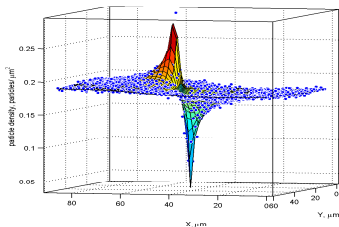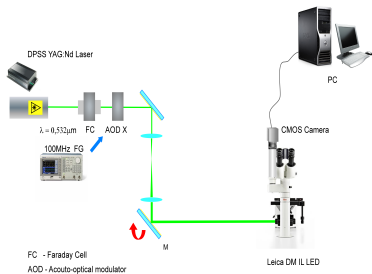# Long range particle density profiles induced by scanning optical tweezers

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Rencontre du Non-Linéaire 2012

Methods and results

$$n(\vec{r}) = n_0 + \alpha \ln \frac{|\vec{r} - \vec{r}_0|}{|\vec{r} - \vec{r}_1|}$$