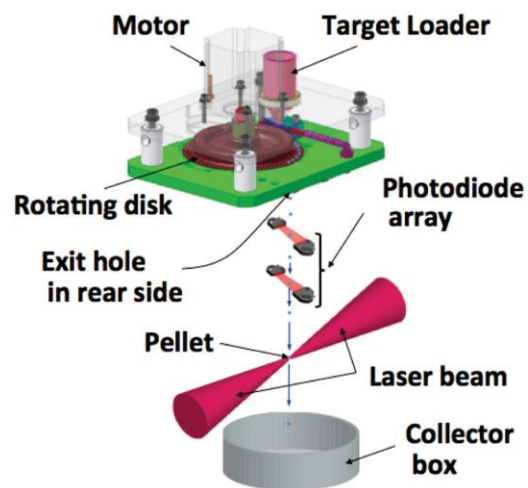


# Present Operation Status of Target Injection System

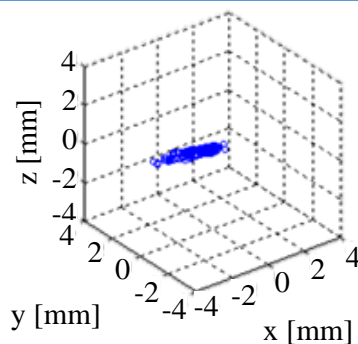
Primary author: Katsuhiro Ishii (GPI, Japan)

- The progress of the target injection system is reported, where deuterated polystyrene (CD) beads are injected and engaged by implosion and heating laser beams at the repetition rate of 1 Hz.
- Newly developed shadowgraph system with two orthogonal probe beams has measured three-dimensional position of the flying targets for the first time.
- The standard deviations of target position in x, y and z directions were 0.71mm, 0.25mm, and 0.11mm, respectively.

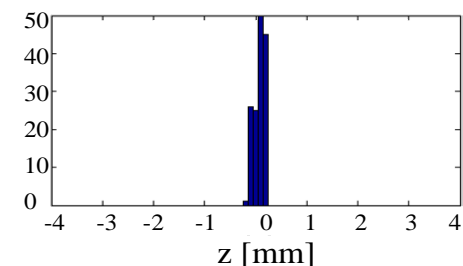
## Target injection system



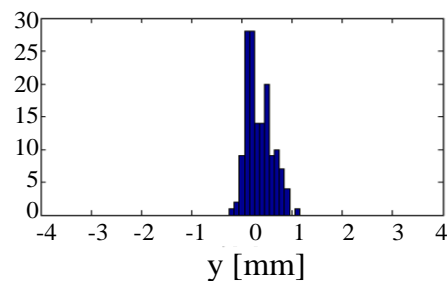
## Distribution of 145 targets



## Histograms of z-coordinates of target position



## Histograms of y-coordinates of target position



## Histograms of x-coordinates of target position

