

# Demo Application for ICCV 2009

## Title of the demo:

Dense 3D reconstruction system for fast moving object using single pattern

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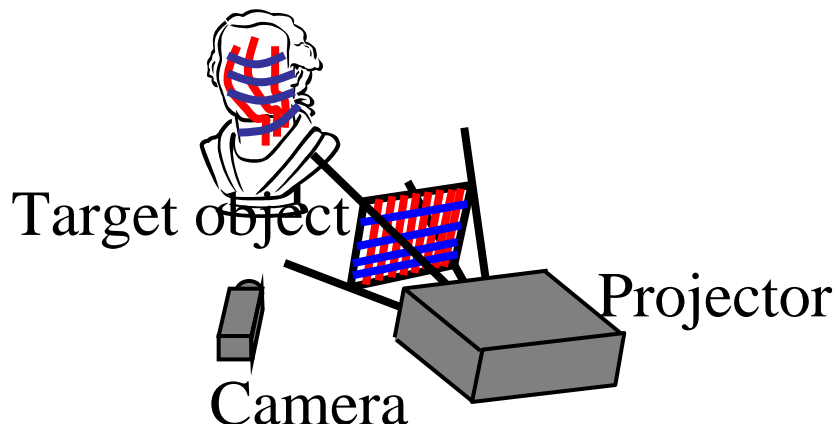
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## Paper ID(s) if the author submitted related papers to ICCV

ID882

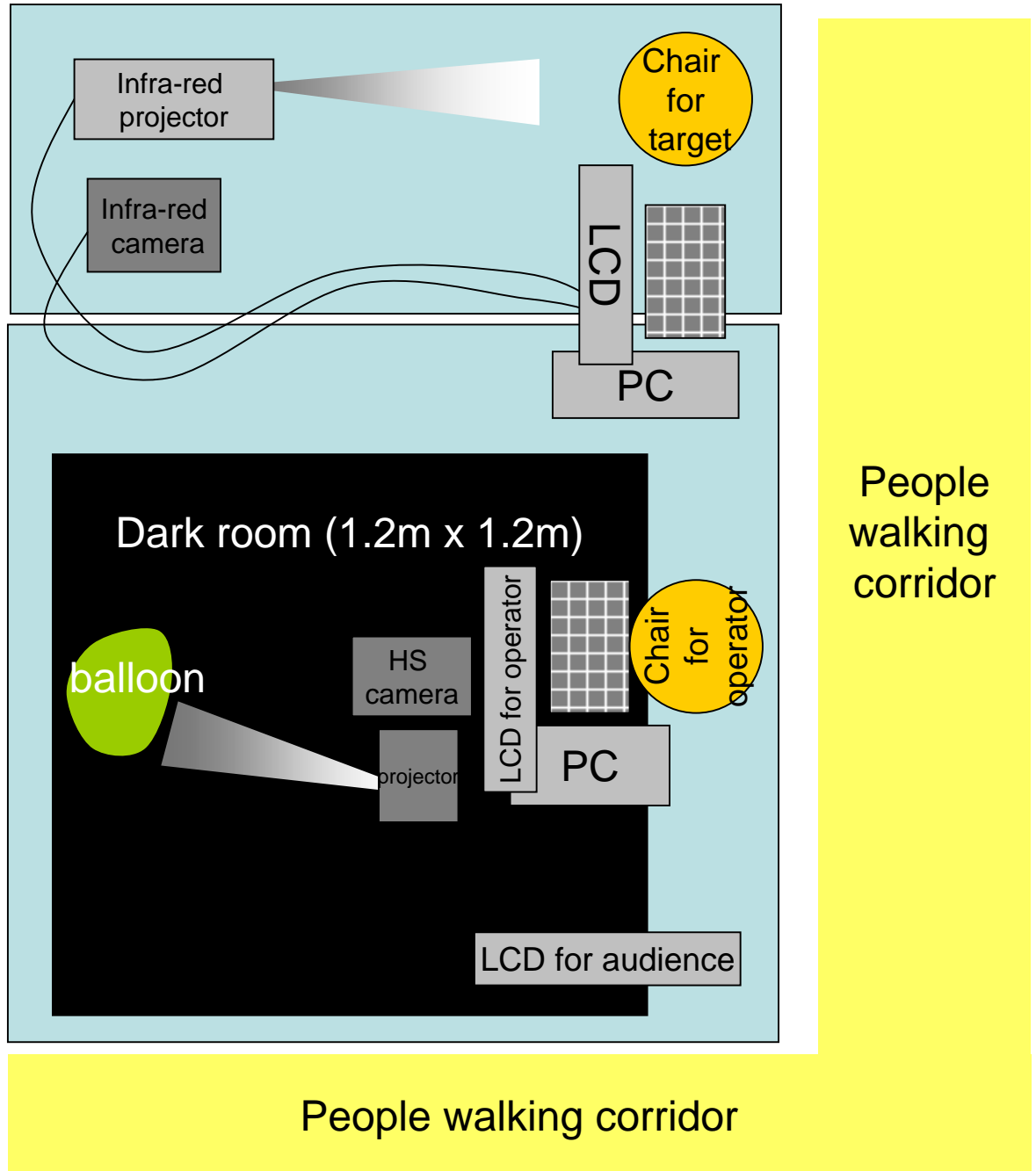
## Detailed drawing of planned demonstration setup



## Short statement around 100 words on what the impact of the work is

In this demonstration, dense 3D reconstruction systems for extremely fast moving objects are presented. The system is based on a one-shot scanning method that reconstructs 3D shape from a single image where dense and simple pattern are projected onto an object. Please see paper 882 for detail.

## Area of the demonstrations in unit (1.8m x 1.8m) detailed below



### Transportation of equipments

Japanese parcel delivery services (e.g., Sagawa, Yamato, etc.).

### Other requirements, if any (lighting conditions, power sources, etc.)

We are planning to demonstrate two types of scanner with dark room (size 1.2m x 1.2m x 2.0m (height)), so additional half block and a corner position is mostly preferable. Also, we'll prepare a self-build dark room, however, it is better if non-window or window-closed room is available.