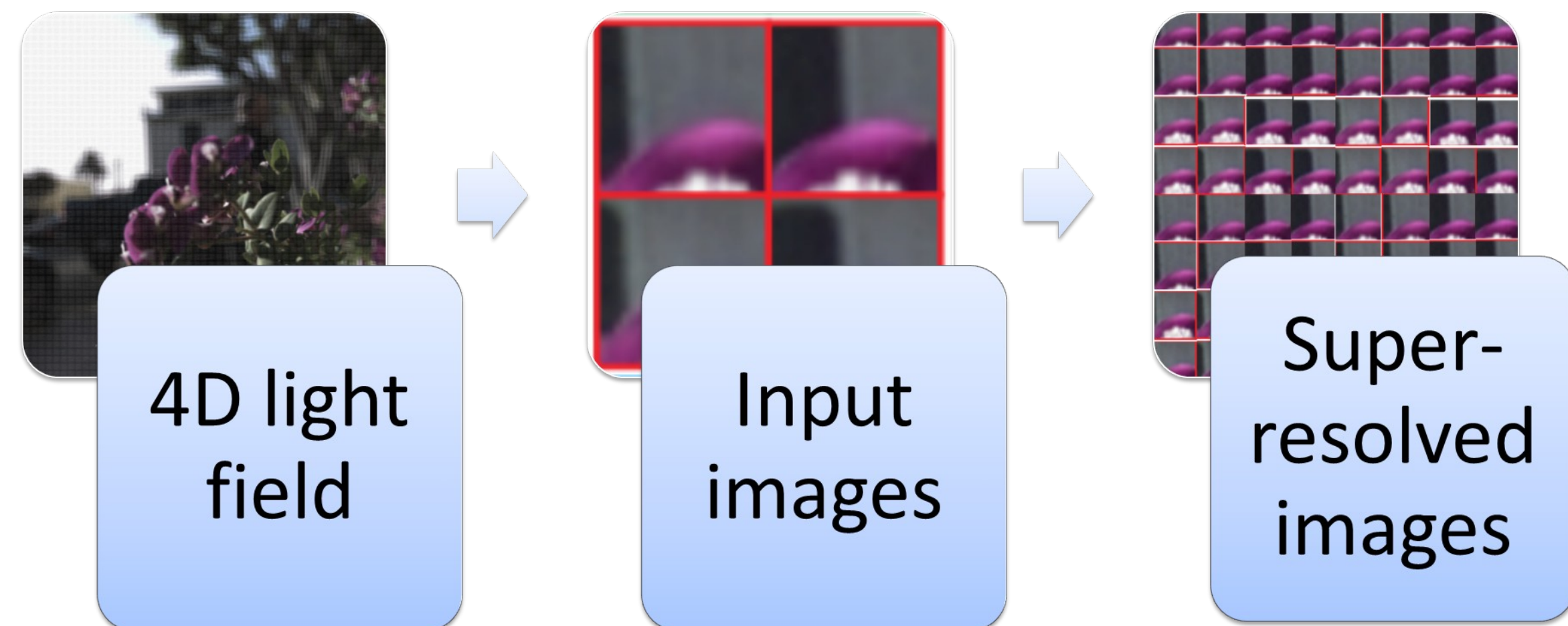


Super-resolving Light-Fields

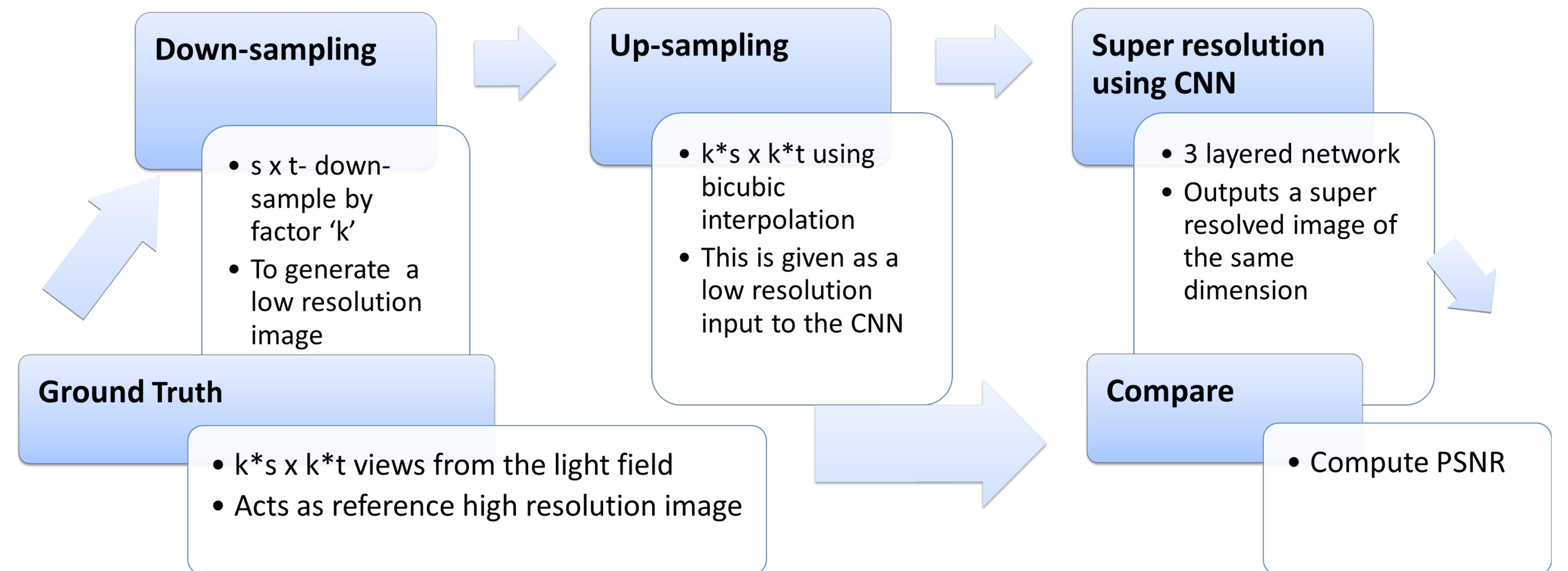
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Motivation



New Technique



Related Work

- Angular Super-resolution using
 - 2D sub aperture images [1]
 - 2D EPI images [2]
 - Depth disparity maps & color estimation [3]
- Spatial Super-resolution using
 - 2D sub aperture images [1]
 - PCA decomposition of set of sub-aperture images [4]

References

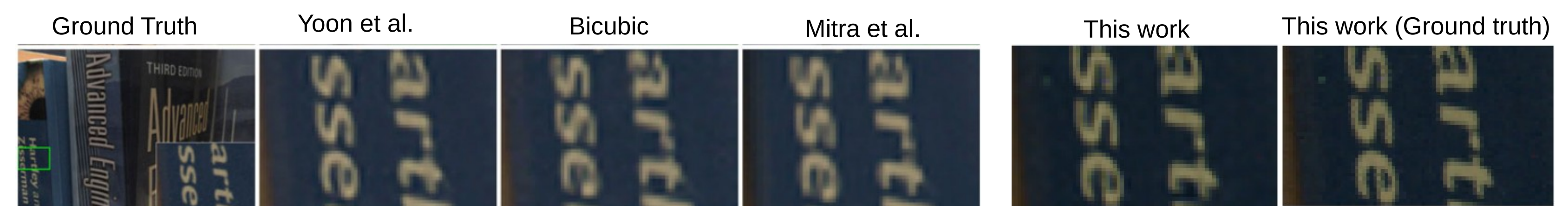
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Experimental Results

- 4x angular super-resolution of light field (showing zoomed-in patches)



- 2x, 2x angular and spatial super-resolution on real world light field data



Note: The comparison results have been obtained from references 1 & 3