

# Digital Archiving Technology Group

Project Leader

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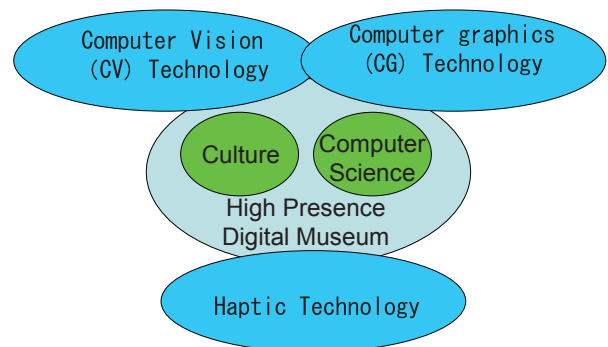
## 3D Object Modeling and Visual & Haptic Renderings of Traditional Japanese Cultural Assets

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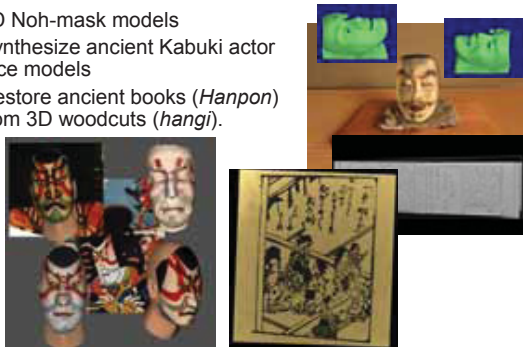
Research Leader: Hiromi T. Tanaka  
Postdoctoral Fellow: Xin Yin

### Research Contents



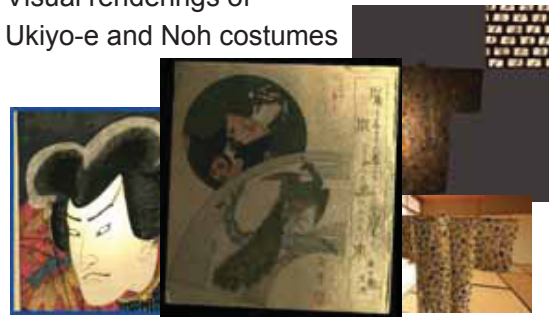
### Three-dimensional object modeling

- 3D Noh-mask models
- Synthesize ancient Kabuki actor face models
- Restore ancient books (*Hanpon*) from 3D woodcuts (*hangi*).



### Beautiful as they were ...

- Visual renderings of Ukiyo-e and Noh costumes



### Touch and understand

- Touchable Digital Cultural Properties



Toward realization of next-generation digital museums where people can touch and watch

