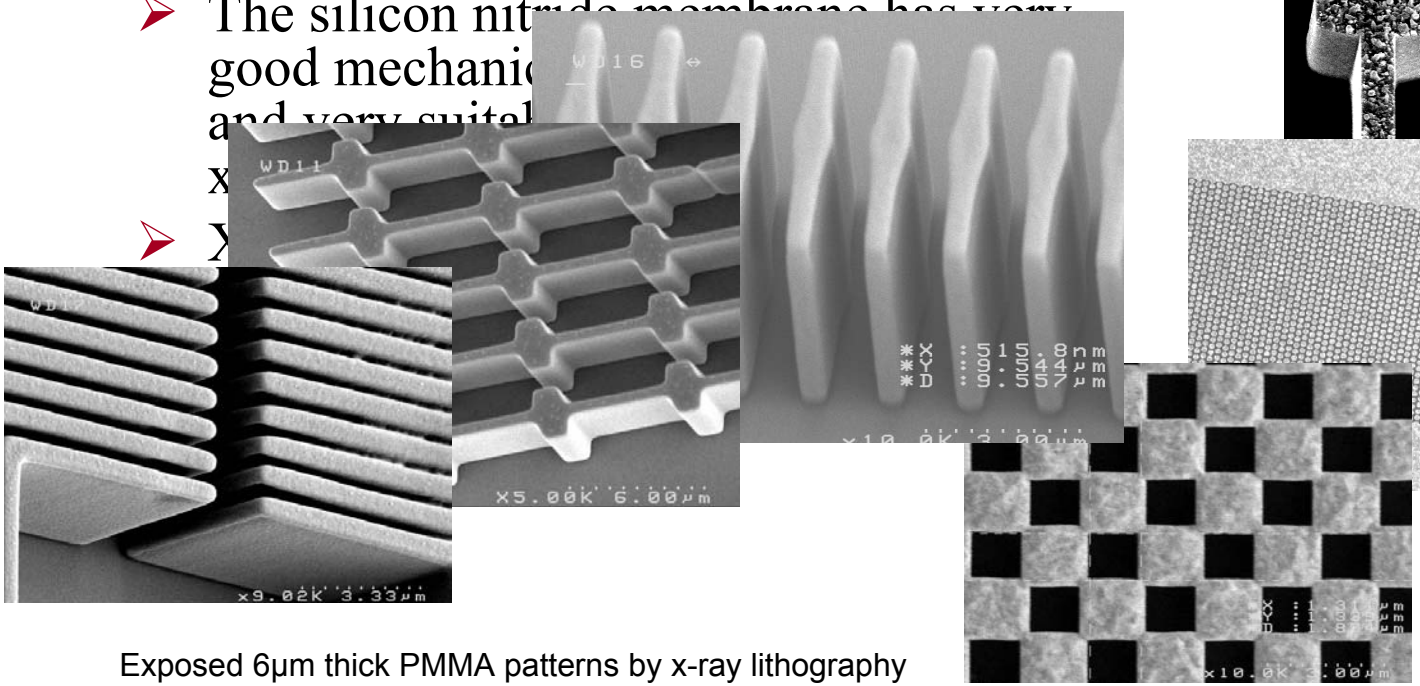
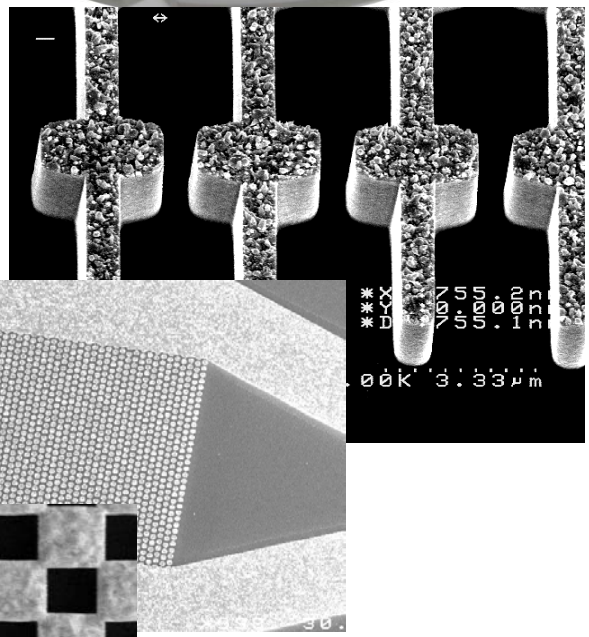
Fabrication of X-Ray Mask

- High resolution x-ray mask can be used for making MEMS and BioMEMS devices through LIGA process.
- The silicon nitride membrane has very good mechanic
  and very suital
  x
- X



Exposed 6µm thick PMMA patterns by x-ray lithography



Gold Absorber patterns on 1µm thick silicon nitride membrane

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Work performed at U. Minnesota