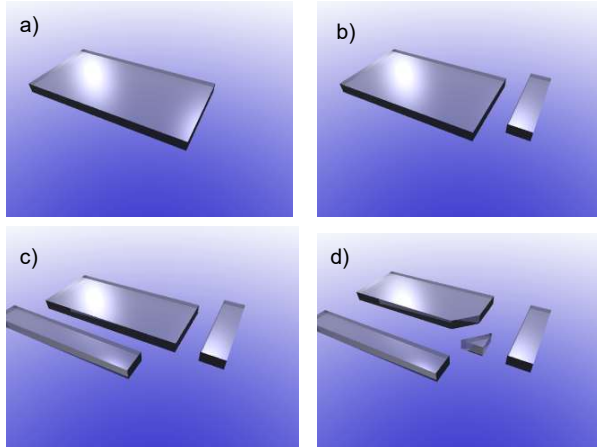


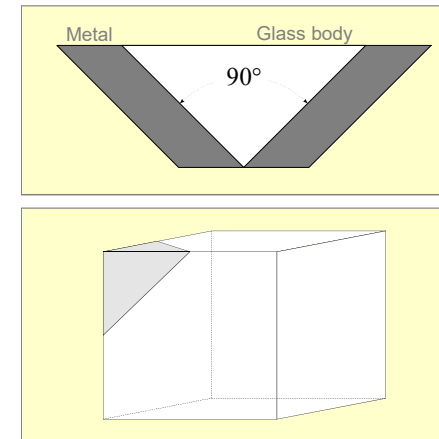
Preparation of Tetrahedron Glass Tips



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Koglin et al., PRB (1997)

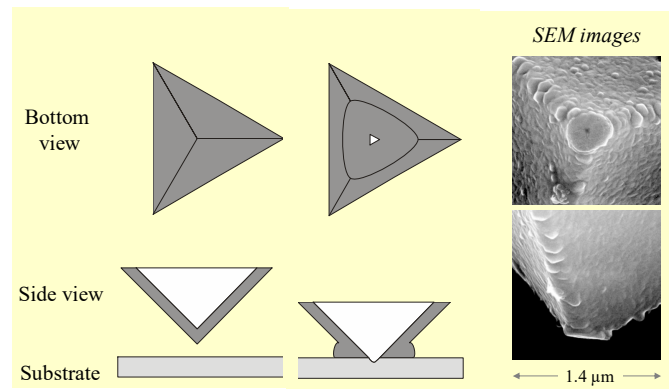
Tetrahedrally-Shaped Glass Body



Nanooptics 17/2

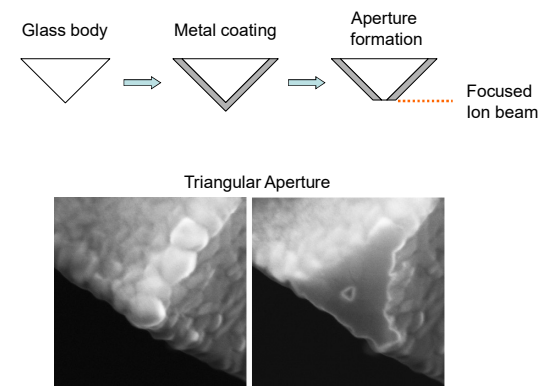
Koglin et al. (1997)

SNOM Probe with a Triangular Aperture



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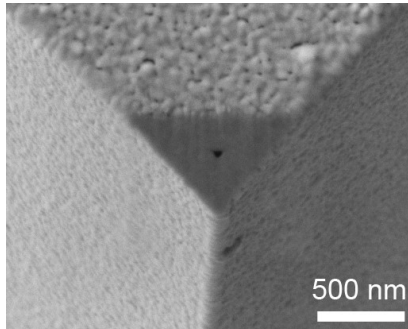
Focused-Ion-Beam Milling



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Veerman et al. (1999); N. Rau & F. Perez

Triangular-Aperture (TA) Probe



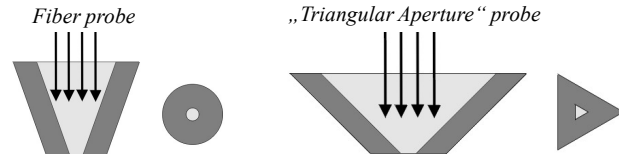
Typical size of the aperture is 30-60 nm

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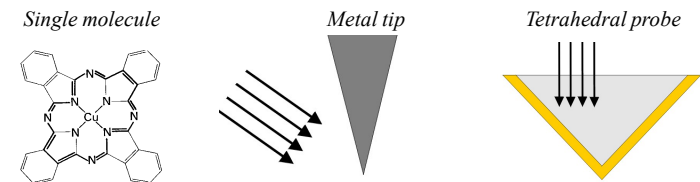
D. Molenda et al., Opt. Express (2005)

Optical Near-field Probes

Aperture-type probes

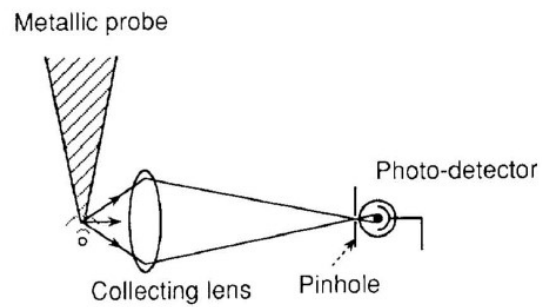


Antenna-type probes



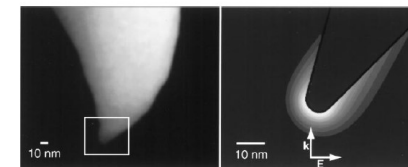
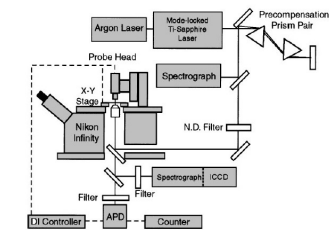
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Metal Tip



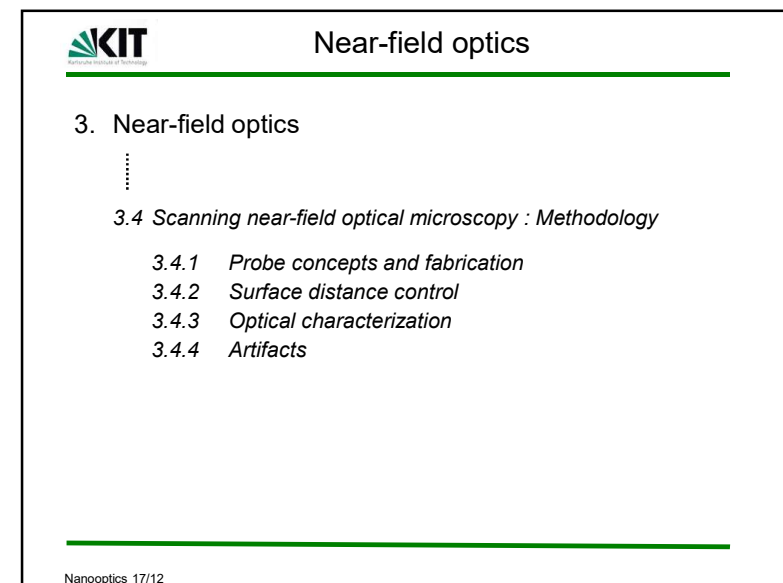
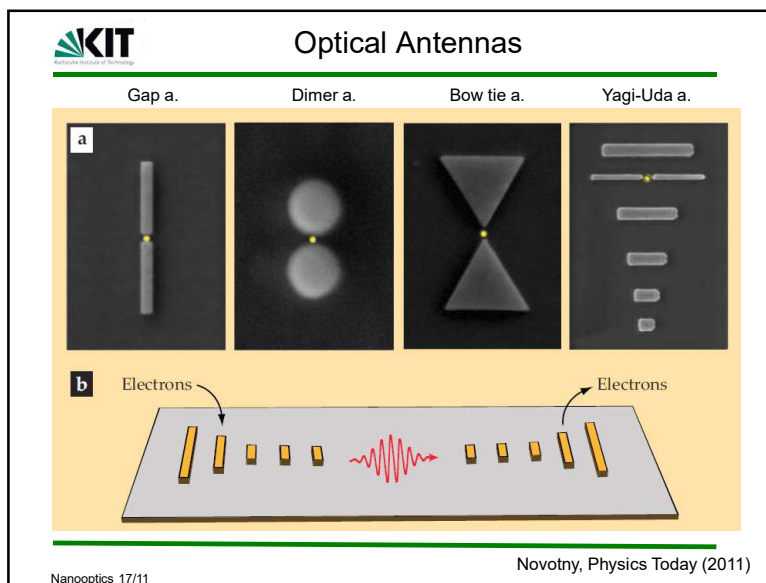
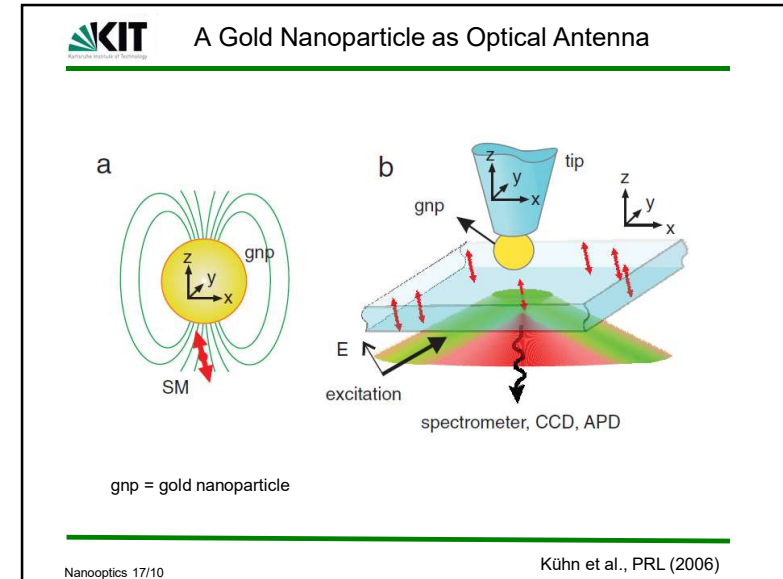
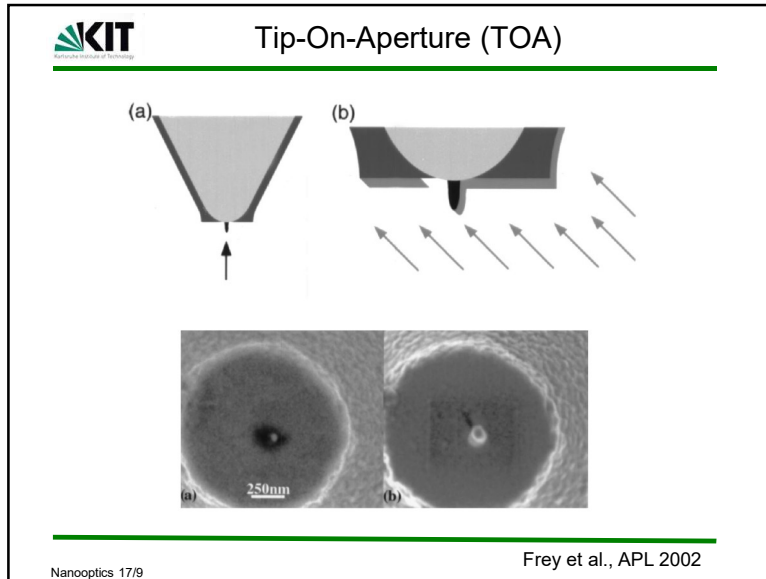
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Two-Photon Fluorescence Excitation

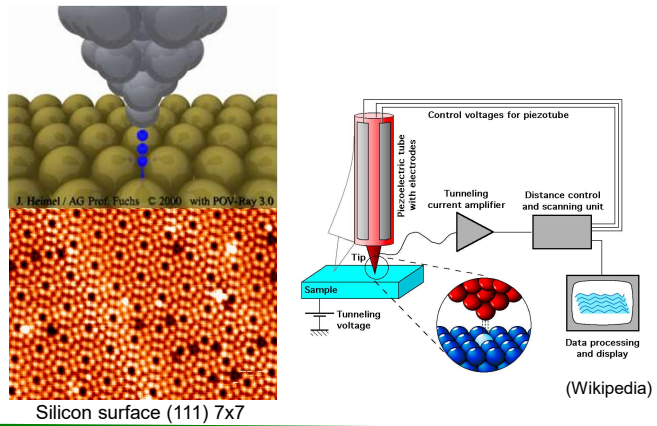


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Sanchez et al., PRL 1999



Principle



Available dates

- Mo, 06.03.2023
- Mo, 27.03.2023

Please send me an e-mail with your preferences.

E-Mail: naber@kit.edu