

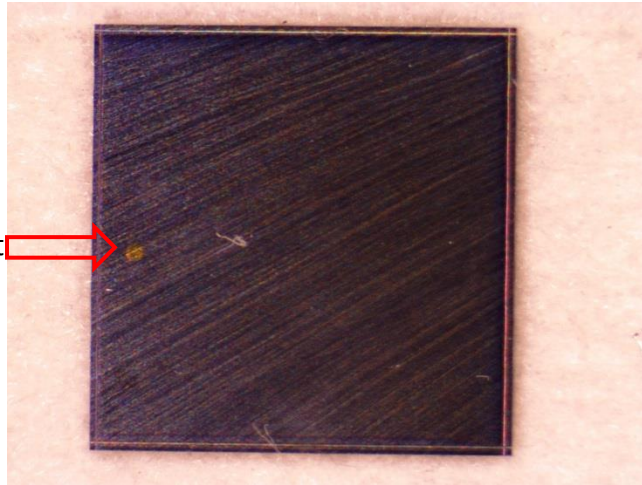
APD Packaging

Bert Harrop

Princeton U.

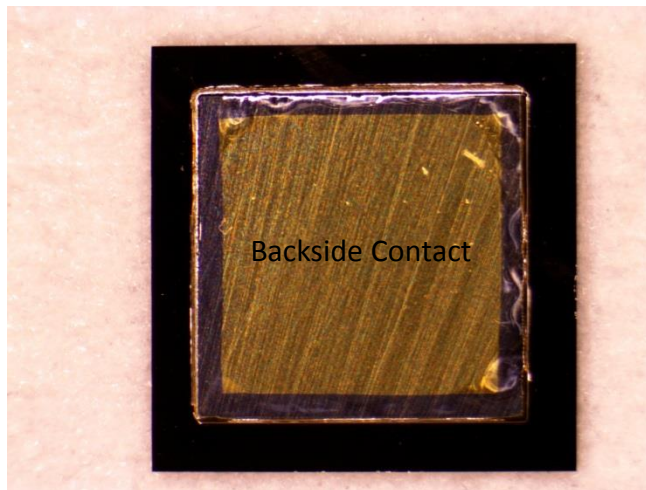
Feb. 20, 2017

Top Contact

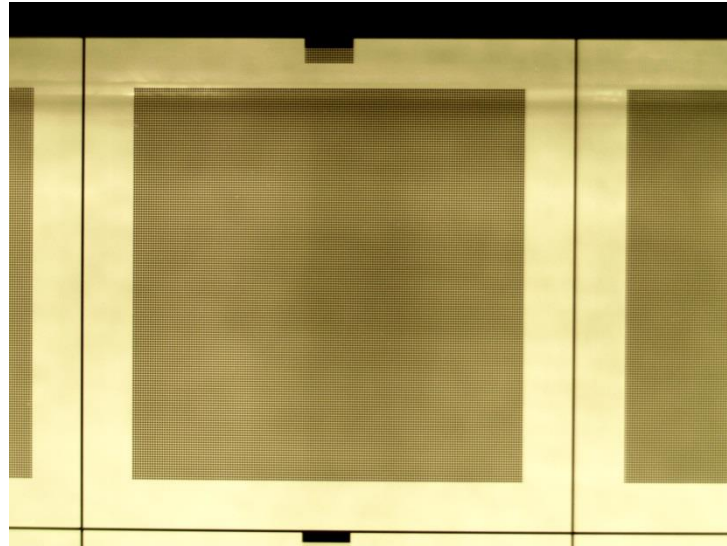


Magnetron Sputtered APD
Ti/Au Contacts
20/200nm respectively

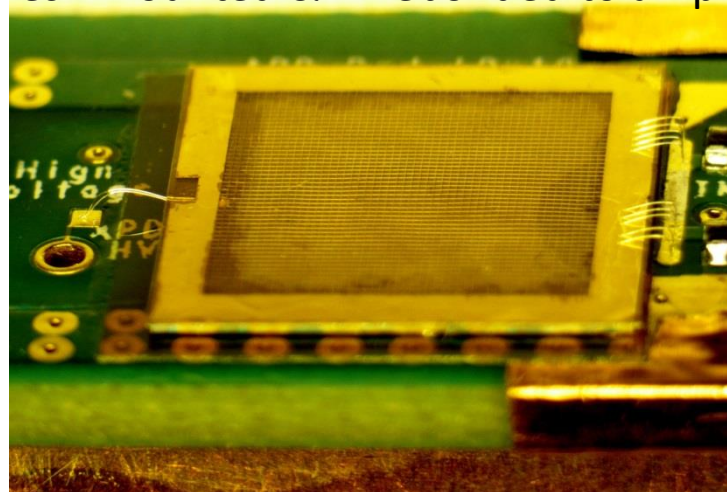
Backside Contact



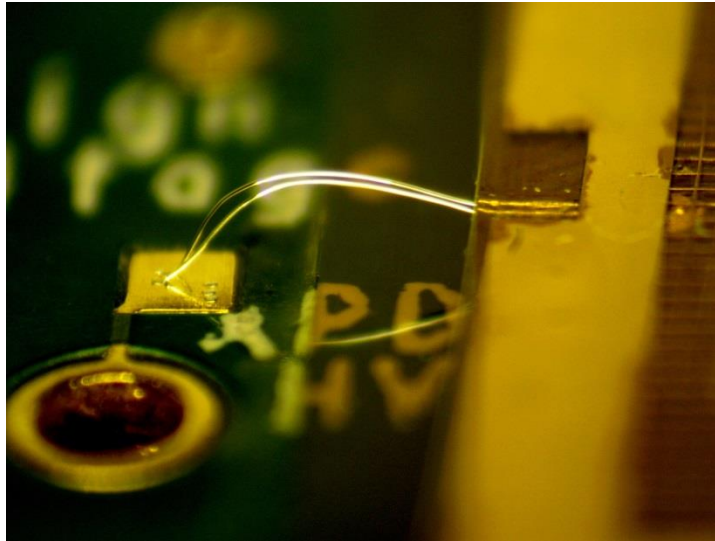
Ni/Au Electroplated mesh ---- 5um/20nm respectively



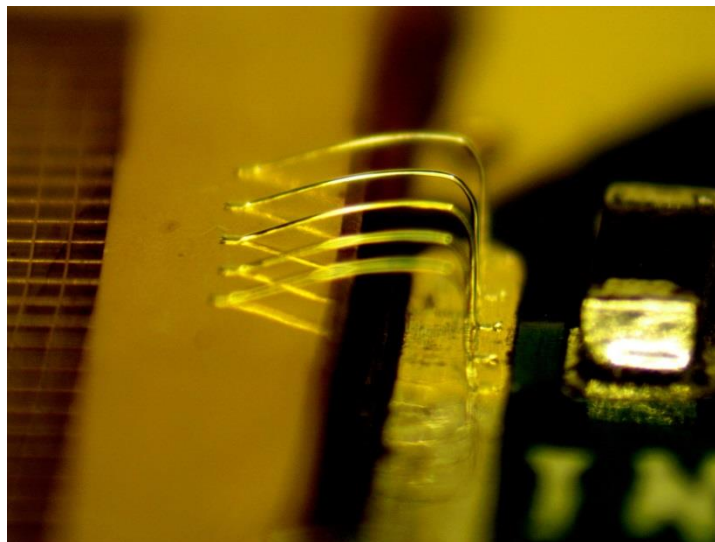
Mesh mounted & wirebonded to amplifier



HV Wirebonded Top Contact



Wirebonded Mesh Contact to Amplifier Input



Completed Amplifier with APD

