

Superconducting Interconnect / Hybridization Example:

- NIST 2D-Multiplexer/Amplifier 32x40 format with integrated “pre-amp”
- Symmetric gradiometric SQUIDs
- Large noise margin
- Pixel Size / Unit Cell: $1 \times 1 \text{ mm}^2$
- Sensor array hybridized as stack via superconducting bump bonds – wire bond connections to readout...

