

Why create another approach for molecular electronics?

**Molecular
Electronics**

Second
quantization

**Vibrational
Motion**

Classical
potentials

These are two different languages.
We need to translate from one to the other.

Why create another approach for molecular electronics?

**Molecular
Electronics**

Second
quantization



**Vibrational
Motion**

Second
quantization

Translate vibrational motion to second quantization?

Limited to harmonic bath models...