Dr. Uri Vool

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Uri Vool completed his Ph.D. at Yale University in December 2017, working with Professors Michel Devoret and Steven Girvin on novel superconducting circuits. Thereafter, he joined Harvard University as a John Harvard distinguished science fellow working with Professor Amir Yacoby on quantum sensing techniques.

Since April 2022, Uri has led the Max Planck Research Group for Quantum Information for Quantum Materials (QIQM) at the Max Planck Institute for Chemical Physics of Solids (CPfS). The group works between the quantum information and quantum materials fields, developing coherent quantum systems as sensors for condensed-matter phenomena and utilizing materials to make novel hybrid quantum systems. The group specializes in two experimental techniques: Nitrogen-vacancy centers in diamond and hybrid superconducting electromagnetic circuits.