Contribution ID: **127** Type: **Keynote**

Resonant x-ray scattering from quantum materials

Wednesday, 7 September 2022 15:45 (30 minutes)

We will give a broad overview of recent progress in an experimental effort to understand and control collective quantum phenomena and excitations in metal oxides. Resonant x-ray scattering yields essential information about interactions between spin, charge, and orbital degrees of freedom at the atomic scale, and is hence a key tool in this effort. We will focus on recent advances in research on copper oxides and ruthenium oxides.

Would you like to participate in the Poster Prize competition?

No

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