

The Enchantment of Oxygen

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Oxygen, the lifeblood of all living beings, is both a blessing and a challenge for us material physicists working on the materials growth for electronics. Superconductivity, ferroelectricity, ferromagnetism, and multiferroicity—these remarkable properties of materials in oxides electronics are intrinsically linked to the presence of oxygen. In this presentation, we will explore how oxygen plays a pivotal role in these phenomena.

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