

Abstract ID: 110

Wednesday 19 Oct, 14:45

PDF methods in materials chemistry

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This talk will give an overview of various applications of PDF methods in Materials Chemistry. Examples will be drawn from across the field, including metal—organic frameworks, frustrated magnets, battery materials, and oxide ceramics. The talk will include discussion of the pros and cons of single-crystal vs powder PDF methods, and also the different emphases of reciprocal space (total scattering) vs real space (PDF) representations.

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