

## Magnetism and electronic structure of Actinides



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Lecture **Magnetism of Electronic Structure of Actinides** will introduce basic features of  $5f$  electrons in metallic states and their implications on magnetic and other electronic properties (heat capacity, electronic transport) in various  $5f$  systems (elements, alloys, compounds). The formation of magnetic moments and their interaction will be discussed from the viewpoints of localized and itinerant electronic states, considering the specific strong spin-orbit interaction.