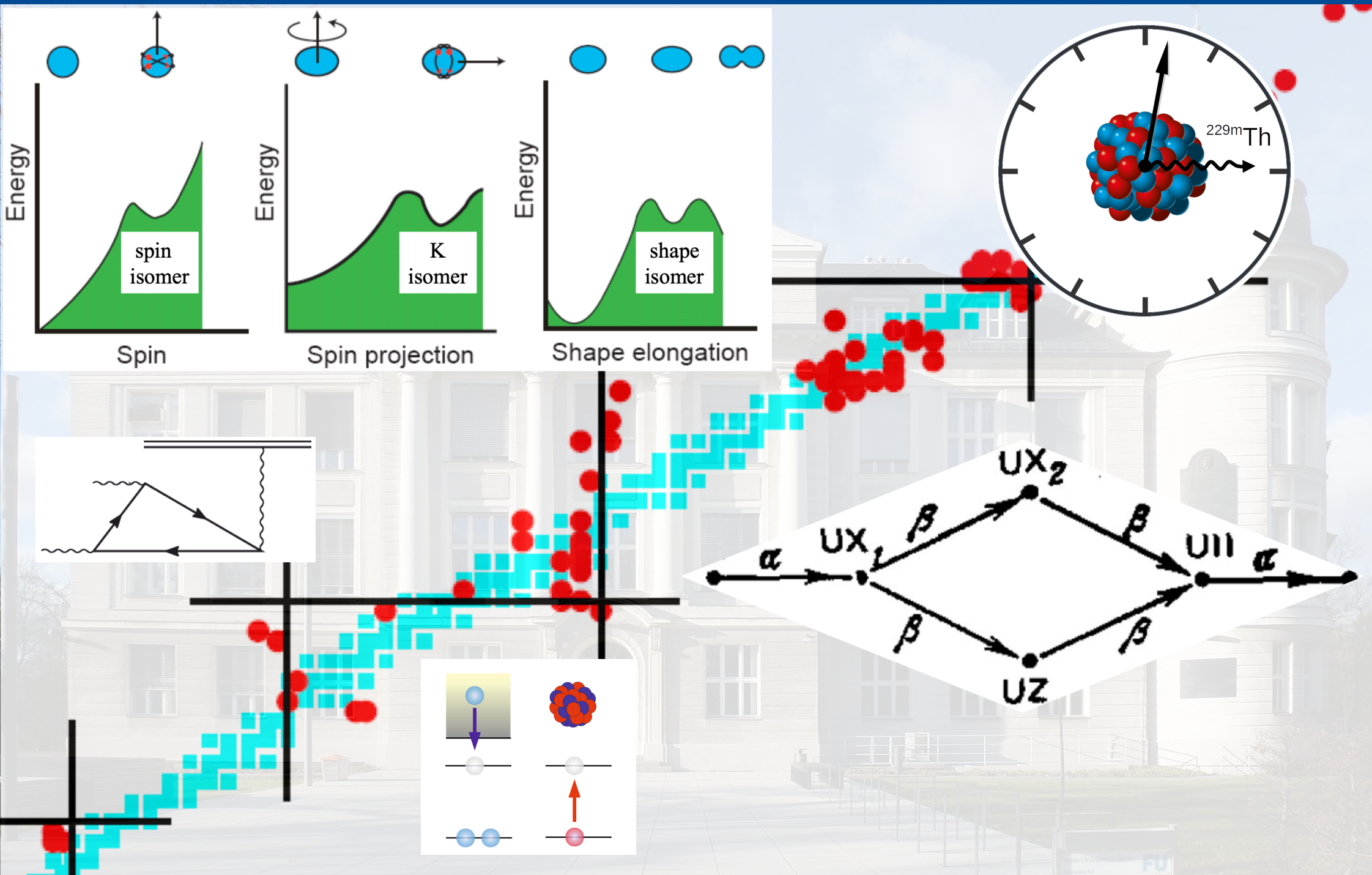


ExtreMe Matter Institute EMMI

EMMI Workshop

100 Years of Nuclear Isomers

Harnack House, Berlin, Germany
May 2-4, 2022



Topics

- New developments of nuclear structure models for more accurate predictions of isomeric properties
- New isomer discoveries in exotic nuclei
- The involvement of atomic processes in isomer population and depletion
- The role of isomers in nucleosynthesis, astromers
- The role of isomers in superheavy elements
- The prospect of a nuclear clock based on the 8 eV isomer in ^{229}Th
- The application of isomers in nuclear medicine

Organizers

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Yuri Litvinov (GSI Darmstadt, Germany)

Information

<https://indico.gsi.de/e/100-Years>

More about EMMI

www.gsi.de/emmi