

# Resonant Inelastic X-ray Scattering with Hard X-rays

Wednesday, February 20 – Friday, February 22, 2019

Building 48, Redwood CD Conference Rooms

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## Wednesday, 20 February 2019

- 08:30 Registration - *Refreshments*
- 09:00 Introduction to X-ray Absorption Spectroscopy (F. de Groot)
- 10:00 Doing a hard x-ray RIXS experiment (T. Kroll)
- 11:00 Break - *Refreshments*
- 11:30 Electronic and geometric structure information from K-edges (R. Sarangi)
- 12:30 Lunch
- 14:00 Hard X-ray RIXS analysis and simulations (F. de Groot)
- 15:00 RIXS calculations with multiplets (Quanty & Cowan) (de Groot, Delgado, Sarangi, Kroll)

## Thursday, 21 February 2019

- 09:00 Analyzing the ground state: Introduction to CTM4DOC (M. Delgado)
- 10:00 Hard x-ray RIXS in biology (T. Kroll)
- 11:00 Coffee - *Refreshments*
- 11.30 Hard x-ray RIXS in physics (F. de Groot)
- 12:30 Lunch
- 14:00 Examples and contributed talks
- 15:00 Break - *Refreshments*
- 15:30 One-on-one sessions and beam line visit

## Friday, 22 February 2019

- 09:00 CTM4XAS, CTM4RIXS and Quanty. (M. Delgado)
- from 10:00 Individual questions, problems and projects can be discussed