Tentative program, workshop on the (beta-)Oslo method NSCL/MSU, Dec 1-4, 2015

Tuesday Dec 1
10am-3pm Rm 4129, 3pm-5pm Rm 3129

Morning session

10:00 – 10:15AM	Intro and plan of the week
10:15 – 12:00AM	Introductions to the "standard" Oslo method (theory) Extracting ^{57}Fe matrix and interpretation
12:00AM – 13:00PM	Break

Afternoon session

13:00PM – 13:15PM	Summary & questions, morning session
13:15PM – 15:00PM	Unfolding (theory) Unfolding ^{57}Fe matrix Primary matrix, unnormalized NLD&γSF (theory)
15:15PM – 15:30PM	Summary & questions, afternoon session

Wednesday Dec 2
Rm 2129

Morning session

10:00 – 12:00AM	Extract ^{57}Fe primary matrix "rhosigchi" on ^{57}Fe matrix, unnormalized NLD&γSF (≈10 minutes break @ ≈ 11:00)
12:00AM – 13:00PM	Break

Afternoon session

13:00PM – 13:15PM	Summary & questions, morning session
13:15PM – 15:15PM	Normalization of NLD&γSF - Neutron resonance parameters for normalization (RIPL3) - "counting" and "normalization" on ^{57}Fe - Root plots of normalized NLD&γSF (≈10 minutes break @ ≈ 14:15)
15:15PM – 15:30PM	Summary & questions, afternoon session

Thursday Dec 3
Rm. Executive Conference Room

Morning session

10:00 – 12:00AM Beta-Oslo method
- Challenges compared to the "standard" Oslo method – spin
- Case study: ^{76}Ga → ^{76}Ge
- Unfolding and f.g. method on the ^{76}Ge matrix

(≈10 minutes break @ ≈ 11:00)

12:00AM – 13:00PM Break

Afternoon session

13:00PM – 13:15PM Summary & questions, morning session

13:15PM – 15:15PM "rhosigchi" & normalization, ^{76}Ge NLD&γSF

(≈10 minutes break @ ≈ 14:15)

15:15PM – 15:30PM Summary & questions, afternoon session

Friday Dec 4
Rm 3129

Morning session

10:00 – 12:00AM Systematic uncertainties in the (beta-) Oslo method
- Lower and upper limits, spin
- Systematics of neutron resonance parameters
- GDR data

(≈10 minutes break @ ≈ 11:00)

12:00AM – 13:00PM Break

Afternoon session

13:00PM – 13:15PM Summary & questions, morning session

13:15PM – 15:15PM Cross-section and reaction rate calculations with TALYS
- Calculations with default models in TALYS
- Calculations based on NLD&γSF data

(≈10 minutes break @ ≈ 14:00)

15:15PM – 15:30PM Summary & questions, afternoon session