Reactor Training Course for the University of South Carolina

TRIGA MAINZ

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Reactor Training Course for the University of South Carolina

Program:

Sunday, 18.05.2008: Arrival

Monday: 05/19/2008

10:00 a.m. Welcome at the University (President, Henkel-von Klass, Hampel) *
          Guided tour on the Campus (Henkel-von Klass)
          Lunch / Cafeteria

2:00 p.m. Welcome in the Institut für Kernchemie (Reich) *
          Reactor tour (Hampel) *
          Closing: about 4:00 p.m.

Tuesday: 05/20/2008

10:00 a.m. Introduction in the training course: Basics part I (Hampel) *

11:00 a.m. Introduction in the training course: Basics part II (Eberhardt) *

0:30 p.m. Lunch / Cafeteria

2:00 p.m. Reactor inspection lists
          Closing: about 4:30 p.m.

5:00 p.m. Visit of the parliament
**Wednesday: 05/21/2008**

08:30 a.m. Instructions for occupational safety and radiation protection (Keller)

09:00 a.m. Reactor start inspection list
Cadmium experiment

11:30 a.m. Lunch / Cafeteria

12:30 a.m. Control rod calibration / Fuel inspection
Reactor shutdown inspection list
Closing: about 5:00 p.m.

**Thursday: 05/22/2008  Holiday / Excursion**

06:30 a.m. Burg Eltz until about 8:00 p.m. (Gothe)

**Friday: 05/23/2008**

09:00 a.m. Osmium experiment, introduction gamma-spectroscopy (Jahn, Zauner)
$\beta$ - delayed neutrons (Eberhardt) *

01:00 p.m. Lunch / Cafeteria

02:30 p.m. Guided tour Mainz (starting at the cafeteria)

**Saturday: 05/24/2008  Excursion**

05:45 a.m. Trier until about 10:00 p.m. (Gothe)

**Sunday: 05/25/2008**

06:00 a.m. Analysis and Discussion (Gothe)

**Monday: 05/26/2008**

08:30 a.m. Reactor inspection list
Pulses and radiation protection measurements

12:00 a.m. Lunch / Cafeteria

02:00 p.m. Guided tour at the ZDF (Start at the cafeteria at 1:15 p.m.)
Closing: 4:00 p.m.
Tuesday: 05/27/2008
9:00 a.m. Reactor inspection list
Neutron activation analysis (water samples)
Experiments at the TRIGA Mainz (Lauer, Kettler)
0:30 p.m. Lunch / cafeteria
2:00 p.m. Analysis and discussions (Cd experiment, pulses,
Osmium experiment, β-delayed neutrons)
Concluding discussions TRIGA Mainz

Wednesday: 05/28/2008
10:00 a.m. Guided tour at MAMI (Aulenbacher) *
12:00 a.m. Lunch / Cafeteria
1:30 p.m. Radiation protection at MAMI (Aulenbacher) *
Closing: 5:00 p.m.

Thursday: 05/29/2008
10:00 a.m. GSI – Darmstadt (Departure from Mainz Hbf. at 8:49 a.m.) *

Friday: 05/30/2008 Excursion
Mainz as you wish or Großer Sand (Gothe)

Saturday: 05/31/2008
Day off

Sunday: 06/1/2008 Departure
08:00 a.m. Mainz (Gothe)

*) see also Presentations on our Homepage