Schedule for HRPT

settings

Jan

Sa	*1	
Su	*2	
Mo	*3	
Tu	*4	
We	*5	
Th	*6	
Fr	*7	
Sa	*8	
Su	*9	
Mo	*10	
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Su	*16	
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Su	*23	
Mo	*24	
Tu	*25	
We	*26	
Th	*27	
Fr	*28	
Sa	*29	
Su	*30	
Mo	*31	

*SINQ down

Feb

Tu	*1	
We	*2	
Th	*3	
Fr	*4	
Sa	*5	
Su	*6	
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Sa	*26	
Su	*27	
Mo	*28	

*SINQ down

Mar

Tu	*1	
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Su	*27	
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Tu	*29	
We	*30	
Th	*31	

*SINQ down

Apr

Fr	*1	
Sa	*2	
Su	*3	
Mo	*4	
Tu	*5	
We	*6	
Th	*7	
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Sa	*9	
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Tu	12	
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Th	14	
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Th	21	
Fr	22	
Sa	23	
Su	24	
Mo	25	
Tu	26	
We	*27	
Th	*28	
Fr	*29	
Sa	*30	

*SINQ down

May

Su	*1	
Mo	2	
Tu	3	
We	4	
Th	5	Crystal and magnetic structures of (1)
Fr	6	2010 0748 IT (7 d) (Pomjakushin) FeSeX ORI4
Sa	7	
Su	8	
Mo	9	
Tu	10	
We	11	
Th	*12	
Fr	13	
Sa	14	
Su	15	
Mo	16	
Tu	17	
We	18	
Th	19	
Fr	20	
Sa	21	
Su	22	
Mo	*23	
Tu	*24	
We	*25	
Th	*26	
Fr	*27	
Sa	*28	
Su	*29	
Mo	30	
Tu	31	

Deng 2010 1301 (3 d) (Sheptyakov)

Yartys 2010 1348 (3 d) (Sheptyakov) (2)

Yartys 2010 1348 (2 d) (3)

Szilvia Pothoczki 2010 0562 (2 d) (4)

Sikolenko 2010 1215 (3 d) (Sheptyakov) (5)

Yokaichiya 2010 1202 (3 d) (Aliouane, (6)

*SINQ down

1)Pr(Sr1-xCax)2Mn2O7 under pressure. ORI4/P15
2)Kinetics and mechanism of electrochemical charge and discharge of La2MgNi9 and La1.8Mg1.2Ni9 in situ.
ORI4
3)Furnace FT
4)(Sheptyakov)
Determining the structure factor of some SBA-15 mesoporous silica based catalysts
ORI4
5)ORI4
6)Sheptyakov)
Nuclear and magnetic structure of Mn(2-x)Fe(x)Sn with x=0.25,0.5,0.75
ORI4

Jun

We	1	
Th	2	
Fr	3	
Sa	4	
Su	5	
Mo	6	
Tu	7	
We	8	
Th	9	
Fr	10	
Sa	11	
Su	12	
Mo	13	
Tu	14	
We	15	
Th	16	
Fr	17	
Sa	18	
Su	19	
Mo	*20	
Tu	*21	
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Sa	*25	
Su	*26	
Mo	27	
Tu	28	
We	29	
Th	30	

Yokaichiya

Denis (1)

Greaves 2010 1265 (3 d) (Pomjakushin) (2)

Greaves 2010 1265 (2 d) (3)

2010 0390 ID (1 d) (4)

Lago 2010 1291 (4 d) (Pomjakushin)

Yb2Sn2O7: a new realization of (5)

2010 0785 ID (4 d) (Pomjakushin) xy-table ORI4

Sheptyakov BaCuSi2O6 ORI4

Webb 2010 1161 (5 d) (Sheptyakov) Direct Hydrogenation of Magnesium Diboride below (6)

*SINQ down

1)Reserve day for 2010 1202
ORI4
2)Nuclear and magnetic structure of Ln2SrFe2O7, Ln2BaFe2O7 and Ln2SrFe2O7F.
ORI4
ORI4 (HRPT) is also needed
3)(Pomjakushin)
Nuclear and magnetic structure of Ln2SrFe2O7, Ln2BaFe2O7 and Ln2SrFe2O7F.
Furnace FT
4)(Pomjakushin)
ORI4
5)disorder-free spin glass?
ORI4
6)300C
Furnace FT

Jul

Mo	1	
Tu	2	
We	3	
Th	4	
Fr	5	
Sa	6	
Su	7	
Mo	8	
Tu	9	
We	10	
Th	11	
Fr	12	
Sa	13	
Su	14	
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Su	21	
Mo	22	
Tu	23	
We	24	
Th	25	
Fr	26	
Sa	27	
Su	28	
Mo	29	
Tu	30	
We	31	

Webb 2010 1267 (4 d) (Sheptyakov) A Study of the hydrogenation (1)

Alonso 2010 1306 (4 d) (Pomjakushin) Evolution of the crystal structure of the novel Sr1-xMxFeO3-d (2)

2010 0390 ID (1 d) (3)

Pascua 2010 1203 (5 d) (Pomjakushin) Structure, oxygen site occupation and magnetic (4)

Doenni (5)

Nozaki 2010 1287 (2 d) (6)

Pomjakushin 2011 0780 IT (5 d) ORI4

*SINQ down

1)of magnesium-nickel alloys
Furnace FT
2)(M= Li,Na,Ag) cathode materials for solid-oxide fuel cells
Furnace FT
3)(Pomjakushin)
Furnace FT
4)structure of electron-doped TV-La2-xCexCuO4-delta\
5)2010 1178 (1 d)
(Pomjakushin)
The magnetic phase transition in the square-lattice Mott insulator La2Co2Se2O3
ORI4
6)(Pomjakushin)
Magnetic structure of NaCr2O4 with double quasi one-dimensional chains.
ORI4

Aug

Th	*1	
Fr	2	
Sa	3	
Su	4	
Mo	5	
Tu	6	
We	7	
Th	8	
Fr	9	
Sa	10	
Su	11	
Mo	*12	
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We	*14	
Th	*15	
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Sa	*17	
Su	*18	
Mo	19	
Tu	20	
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Th	22	
Fr	23	
Sa	24	
Su	25	
Mo	26	
Tu	27	
We	28	
Th	29	
Fr	30	

2011 0781 ID (4 d) (Pomjakushin) Furnace FT

Slater 2010 1144 (3 d) (Pomjakushin) (1)

Iturbe-Zabalo 2010 1302 (3 d) (Pomjakushin) (2)

Chen 2010 1313 (4 d) (Pomjakushin) Proton diffusivity in BaCeY- (3)

Sheptyakov 2011 0780 IT (5 d) Furnace FT

(Sheptyakov) Zug (4)

Villevieille 2010 1181 (2 d) (5)

Ali 2010 1220 (1 d) (Sheptyakov) (6)

2011 0835 IT (2 d) (Sheptyakov) (7)

Hyatt 2010 1268 (3 d) (Sheptyakov) (8)

*SINQ down

1)Unravelling the effect of composition and thermal history on the interstitial anion site and conduction pathway in apatite-type silicates
Furnace FT
2)Structural and Magnetic Characterization of SrPrMRuO6 (M=Mg,Fe,Co,Ni,Zn) Double Perovskite
Furnace FT
ORI4(HRPT) is also needed
3)oxides proton conductor
Furnace FT
4)Furnace FT
5)(Sheptyakov)
Structural changes of Li2MnO3 stabilized LiNi1/3Mn1/3Co1/3O2 as cathode materials for Li-ion batteries.
ORI4
6)structural and magnetic ordering in K2FeGaO4
Furnace FT
7)Furnace FT
8)new rare earth zirconolites
ORI4

Sep

Sa	1	
Su	2	
Mo	3	
Tu	4	
We	5	
Th	6	
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Sa	8	
Su	9	
Mo	*10	
Tu	*11	
We	*12	
Th	*13	
Fr	*14	
Sa	*15	
Su	*16	
Mo	17	
Tu	18	
We	19	
Th	20	
Fr	21	
Sa	22	
Su	23	
Mo	24	
Tu	25	
We	26	
Th	*27	
Fr	28	
Sa	29	
Su	30	
Mo	31	

Yoon 2011 0416 (3 d) (Sheptyakov) (1)

Kraemer 2011 0545 (4 d) (Sheptyakov) Structural and magnetic (2)

Sheptyakov Furnace FT

2011 0780 IT (2 d) (Sheptyakov) Gvasaliya? Cryofurnace

(Sheptyakov)

Georgiev 2011 0481 (3 d) (Sheptyakov) (3)

(Sheptyakov) ORI4

Charilaou 2011 0577 (4 d) (Sheptyakov) Magnetic ordering (4)

Frantti 2011 0394 (1 d) (Sheptyakov) (5)

*SINQ down

1)Perovskite-Type Oxynitrides for Thermoelectric Applications
ORI4
2)phase transitions in RbCoCl3
ORI4
3)high density metal centres metal-organic framework compound CPO-27-Co
Cryofurnace
4)in the mixed-spin oxide FeTiO3-Fe2O3
MA6
5)Determination of the crystal symmetries and magnetic structures of Mg1-xTi1+xO3 solid-solution
MA6

Oct

Sa	1	
Su	2	
Mo	3	
Tu	4	
We	5	
Th	6	
Fr	7	
Sa	8	
Su	9	
Mo	*10	
Tu	*11	
We	*12	
Th	*13	
Fr	*14	
Sa	*15	
Su	*16	
Mo	17	
Tu	18	
We	19	
Th	20	
Fr	21	
Sa	22	
Su	23	
Mo	24	
Tu	25	
We	26	
Th	*27	
Fr	28	
Sa	29	
Su	30	
Mo	31	

Frantti 2011 0394 (1 d)

Christensen 2011 0556 (3 d) (Sheptyakov) (1)

Huang 2011 0557 (3 d) (Sheptyakov) (2)

(Sheptyakov)

Law 2011 0567 (4 d) (Pomjakushin) Probing the superstructure (3)

Mauron 2011 0553 (5 d) (Sheptyakov) Absorption of D2 in Metal Intercalated (4)

Yartys 2011 0612 (5 d) (Sheptyakov) Kinetics and mechanism of charge and discharge of deuterium in La1.5Mg0.5N7 (5)

*SINQ down

1)The Structure of Battery Material Li1.2Ni0.2Mn0.6O2
Cryofurnace
2)Degradation and structure transition in monoclinic LiMO2 material.
ORI4
3)of the new spin-Peierls compound TiPO$_4$
ORI4
4)Fullerenes (Na, Ca)
Furnace FT
5)by metal-gas interaction and in the electrochemical cell
Furnace FT

Nov

Tu	1	
We	2	Kohnke 2011 0615 (4 d) (Sheptyakov) In situ decomposition (1)
Th	3	
Fr	4	
Sa	5	Sheptyakov 2010 1220 (2 d) (2)
Su	6	
Mo	*7	
Tu	*8	2011 0780 IT (6 d) (Pomjakushin) ILL5
We	*9	
Th	*10	
Fr	*11	
Sa	*12	
Su	*13	
Mo	14	Klotz 2011 0523 (3 d) (Pomjakushin) (3)
Tu	15	
We	16	
Th	17	
Fr	18	Iida 2011 0403 (3 d) (Pomjakushin) (4)
Sa	19	
Su	20	Iida (5)
Mo	21	Igartua 2011 0583 (2 d) (6)
Tu	22	
We	23	Cuevas 2011 0616 (4 d) (Sheptyakov) In-situ neutron hydrogen (7)
Th	24	
Fr	25	
Sa	26	
Su	27	2011 0781 ID (3 d) (Pomjakushin, Sheptyakov) (8)
Mo	28	
Tu	29	
We	30	Gurlo (9)

*SINQ down

1)of the perovskite-type oxygen conductor BSCF5582
Furnace FT
2)(Sheptyakov)
CsCoO2
Furnace FT
3)Equation of state of lead at low temperatures: Basis for a better pressure standard
ILL5
4)Determination of the magnetic structures in Co(Co2-xMnx)O4
ILL5
5)2011 0428 (1 d)
(Pomjakushin)
Magnetic structure in (CuCl)LaTa2O7
ILL5
6)(Pomjakushin)
structural phase-transition sequence in Multiferroic magnetoelectric NaLaCoWO6
ILL5
7)reaction with TiNi and TiNi0.8Cu0.2 shape memory alloys during electrochemical reaction
8)PbNaCl, ...
ILL5
9)2011 1505 U-1 (1 d)
(Sheptyakov)
GaN

Dec

Th	1	Pomjakushin (1)
Fr	*2	
Sa	*3	
Su	*4	
Mo	*5	
Tu	*6	
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Su	*11	
Mo	*12	
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Th	*15	
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Tu	*27	
We	*28	
Th	*29	
Fr	*30	
Sa	*31	

*SINQ down

1)2011 0781 ID (1 d)
(Pomjakushin)
PHS, xy-table, etc

Special events:

Zug Practicals