




Thursday 22nd April

(Talks duration includes time for questions ;  $\frac{3}{4}$  for the talk and  $\frac{1}{4}$  for questions)

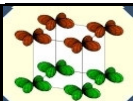
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Speaker	Duration	Comment	Title / Topic
9:00  Pr. Thomas Palstra, Groningen	0:10	Welcome Speech	
 Pr. Mathew Rosseinsky, Liverpool			
9:10  Pr. Tjipke Hibma, Groningen	1:30	Invited Speaker	Thin Films
10:40	Coffee	0:30	
11:10  Colin Oates (Post-doc)	0:20	Contributed 1	XANES study of new manganate phases
11:30  Damian Rybicki	0:20	Contributed 2	Anisotropy of Mn hyperfine field - relation to orbital moment
11:50  Vit Prochazka (Post-doc)	0:20	Contributed 3	NMR study of iron garnets
12:10	Lunch	1:00	
13:10  Delphine Flahaut (PhD)	0:20	Contributed 4	The $A_3BB'O_6$ compounds: richness of the physical properties
13:30  Dr. Maxim Mostovoy, Stuttgart	0:20	Invited Speaker	Lattice instabilities in frustrated spin and orbital systems
13:50  Pr. Daniel Khomskii, Cologne	1:20	Invited Speaker	Coexistence of magnetism and ferroelectricity - New mechanism of ferroelectricity - and more ...
15:10	Coffee / Tea	0:30	
15:40  Rocio Ruiz-Bustos (Post-doc) Philip Frampton	0:20	Contributed 5/6	Progress in Oxford (1/2)
16:00  Johann Breard (Post-doc)	0:20	Contributed 7	Preparation and charaterizations of transition metal oxides
16:20  Michael Pollet (Post-doc)	0:15	Contributed 8	Cationic ordering
16:35  Dr. Antoine Maignan	0:30	Contributed 9	Magnetisation jumps in manganites and cobaltites
17:05	Network review Mid-term report discussion	1:55	For all the persons not concerned by this review/dicussion, short visit of the "Het Kasteel" at 18:30 ; The staff members will join depending on their own schedule
19:00	Diner		(Website in Dutch) <a href="http://www.hetkasteel.com/">http://www.hetkasteel.com/</a>










**Note:** These two talks' durations could be accomadated by the speakers (Total = 1:40)

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Zaragoza Zaragoza Zaragoza  
Groningen Liverpool  
Groningen Prague

	Speaker	Duration	Comment	Title / Topic
9:00	 Dr. Jan Aarts, Leiden	1:30	Invited Speaker	Scanning Probe Microscopy
10:30	Coffee	0:30		
11:00	 Clara Marquina	0:20	Contributed 10	Progress in Zaragoza (1)
11:20	 Darek Zajac (Post-doc)	0:20	Contributed 11	Progress in Zaragoza (2)
11:40	 Waldemar Tokarz (Post-doc)	0:20	Contributed 12	Progress in Zaragoza (3)
12:00	Lunch	1:00		
13:00	 Mathieu Allix (Post-doc)	0:20	Contributed 13	The oxygen-deficient bilayer brownmillerite manganates
13:20	 Agung Nugroho	0:20	Contributed 14	Hexagonal manganates
13:40	 Pr. Rob de Groot, Nijmegen	1:00	Invited Speaker	DFT
14:40	Coffee / Tea	0:30		
15:10	 Dr. Jiri Hejtmanek	0:30	Contributed 15	Thermal and thermoelectric probing of ordering phenomena and electron-hole doping in perovskites
15:40	 <b>Short Talks Session</b>	0:30		Hot topics in oxides in Groningen - Contributions of Post-docs and PhD students Vadim Volotchaev [PD] ( $\text{Na}_x\text{CoO}_2$ ) ; Gwilherm Nénert ( $\text{YMnO}_3$ ; HT) ; Mylene Sage (Vanadates)
16:10	<b>Network discussion</b>	1:50		
18:00	Departure for the diner (19:00)			

**Outline:** In a short presentation I will introduce the thermal conductivity and thermoelectric power as a useful characterising tool probing simultaneously the crystal lattice and charge-carrier subsystem. The general tendencies linked with carrier doping in both quantities together with anomalies associated with various types of order – spin, charge and orbital – will be discussed and analysed in coherence with magnetic and electric transport data. The experimental data covering the  $\text{Mn}^{3+}/\text{Mn}^{4+}$  3D perovskite family will be briefly complemented by other transition metal complex oxides.

