

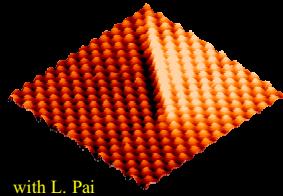
2004

# Low Dimensional Materials by Design



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STM image of Dislocation on Ag(100)

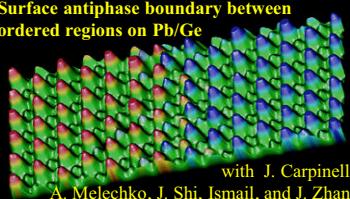


with L. Pai

January

S	M	T	W	Th	F	Sa
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

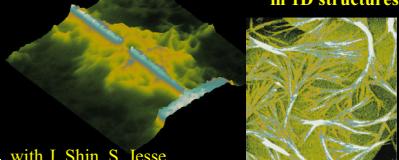
Surface antiphase boundary between ordered regions on Pb/Ge

with J. Carpinelli,  
A. Melechko, J. Shi, Ismail, and J. Zhang

May

S	M	T	W	Th	F	Sa
			1			
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

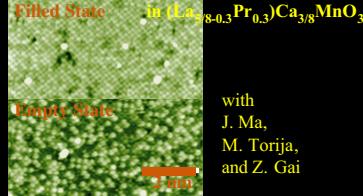
Self-organized growth and transport imaging in 1D structures

with J. Shin, S. Jesse,  
R.G. Moore, R. Jin, D. Mandrus, and D.B. Geohegan

September

S	M	T	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

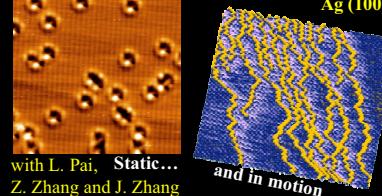
Nano-scale Electronic Inhomogeneity

with  
J. Ma,  
M. Torija,  
and Z. Gai

February

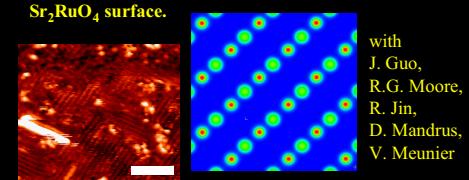
S	M	T	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

STM of cyclopentadien molecules on Ag(100)

with L. Pai,  
Static...  
Z. Zhang and J. Zhang

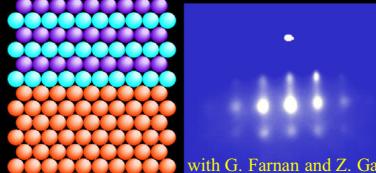
March

S	M	T	W	Th	F	Sa
		1	2	3	4	5
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Stripe ordering and STM image simulation of ordered Sr<sub>2</sub>RuO<sub>4</sub> surface.with  
J. Guo,  
R.G. Moore,  
R. Jin,  
D. Mandrus,  
V. Meunier

April

S	M	T	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

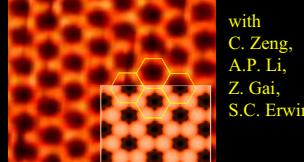
RHEED of FeCo L1<sub>0</sub> Thin Film Alloy

with G. Farnan and Z. Gai

July

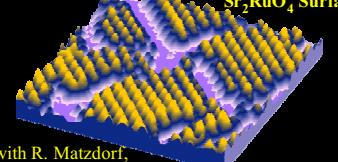
S	M	T	W	Th	F	Sa
		1	2	3		
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FM/SC Epitaxial Interface

with  
C. Zeng,  
A.P. Li,  
Z. Gai,  
S.C. Erwin

November

S	M	T	W	Th	F	Sa
		1	2	3	4	5
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Low Temperature STM of Ordered Defects on Sr<sub>2</sub>RuO<sub>4</sub> Surfacewith R. Matzdorf,  
L. Petersen, V. Meunier, R.G. Moore and J. Zhang

December

S	M	T	W	Th	F	Sa
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	