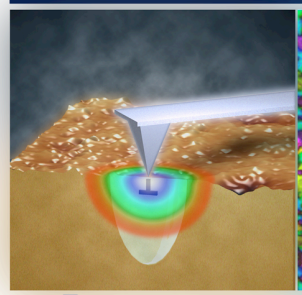
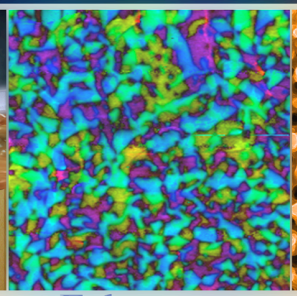
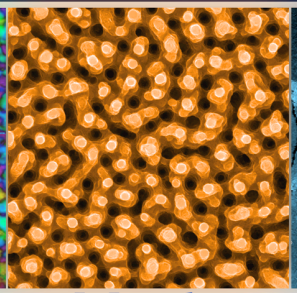
Nanoscale Functional Imaging 2008

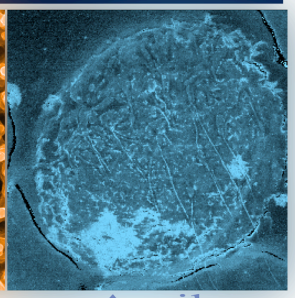
OAK RIDGE National Laboratory

Art Baddorf, Jason Fowlkes, Zheng Gai, Dave Geohegan, Stephen Jesse, David Joy, Sergei Kalinin, An-Ping Li, Peter Maksymovych, Vincent Meunier, Steve Overbury, Minghu Pan, Andrew Payzant, Ward Plummer, Alex Puretzky, Adam Rondinone, Viviane Schwartz, Mike Simonson, Klaus van Benthem, John Wendelken, Zili Wu, Ye Xu









January

S	M	T	W	T	F	S
		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		

February

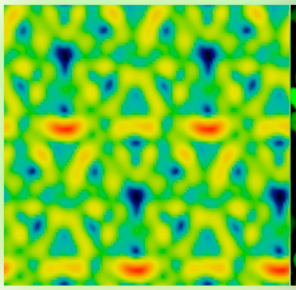
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	

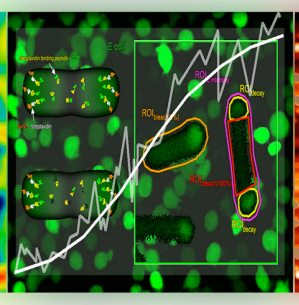
March

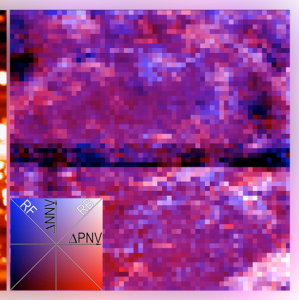
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

April

S	M	T	W	T	F	S
		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			







May

S	M	T	W	T	F	S
				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

June

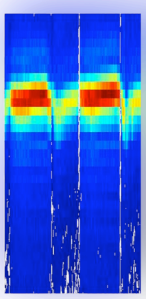
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

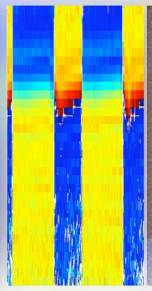
July

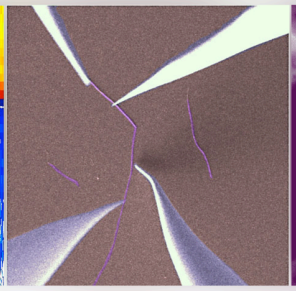
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

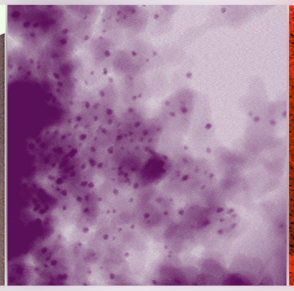
August

S	M	T	W	T	F	S
					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	









September

S	M	T	W	T	F	S
	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				

October

S	M	T	W	T	F	S
			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	

November

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

December

S	M	T	W	T	F	S
	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			

Center for Nanophase Materials Sciences

January - Dynamics and kinetics of bias-induced phase transitions on a single defect
February - Vector Piezoresponse Force Microscopy image of multiferroic $BiFeO_3$ (with R. Ramesh, UC Berkeley)
March - Growth of copper islands on Cu(100) imaged by STM
April - Electromechanical activity in white blood cell (with Asylum Research)
May - Density Functional Theory modeling of the electronic structure of a thin film of ceria on ruthenium
June - Fluorescence microscopy of stochastic DNA expression and translation in-vivo
July - Scanning Tunneling Microscopy of catalytic Pd nanoparticles decorating step edges of CeO_2
August - Random bond and random field disorder components in epitaxial ferroelectric film (with M. Alexe, MPI Halle)
September - Frequency response of amplitude and phase from Band-excitation Piezoresponse Force Spectroscopy
October - Four-probe Scanning Transmission Microscopy manipulation and measurement of a carbon nanotube
November - Catalytic Gold particles supported on Silicon Dioxide imaged using Scanning Transmission Electron Microscopy
December - Ferroelectric lithography and Piezo-response Force Microscopy on an epitaxial lead zirconate titenate film

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