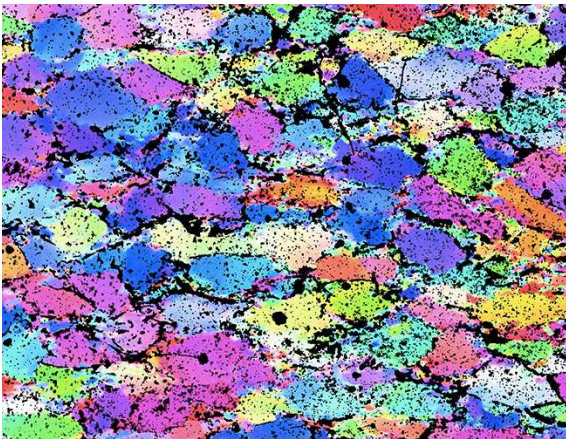
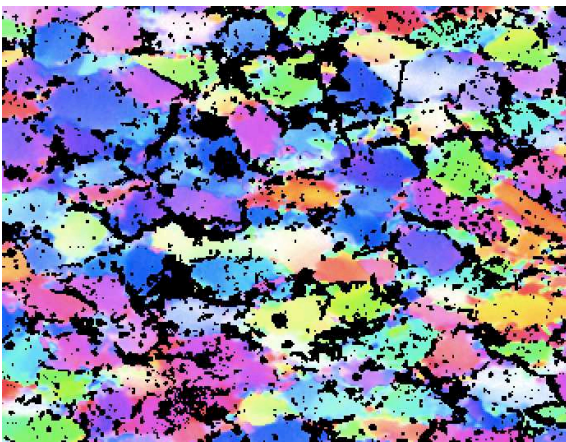


# Testing tilts

sample 213 mn



Use 213mn 2.5x and 10x

2.5x:  $100\ \mu\text{m} = 41\text{px}$

10 x:  $100\ \mu\text{m} = 156\text{px}$

1300 · 1000 corresponds to

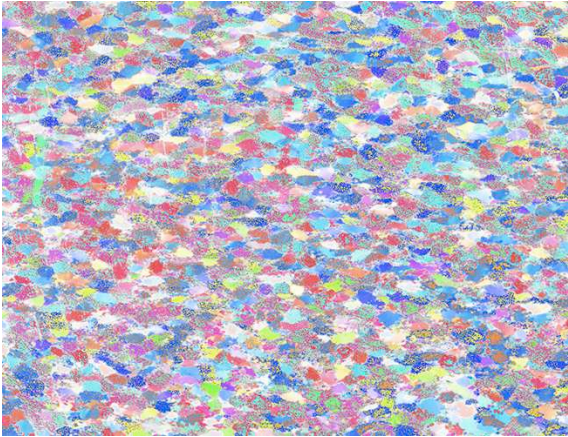
$1300 \cdot 1000 (41/156) = 342 \cdot 263$

1. check: 4 tilts soft - stiff
2. check: 4 tilts - 2 tilts EUP-SUP soft - stiff
3. check: 4 tilts - 2 tilts all combinations (all stiff)
4. check: 2.5 x versus 10x

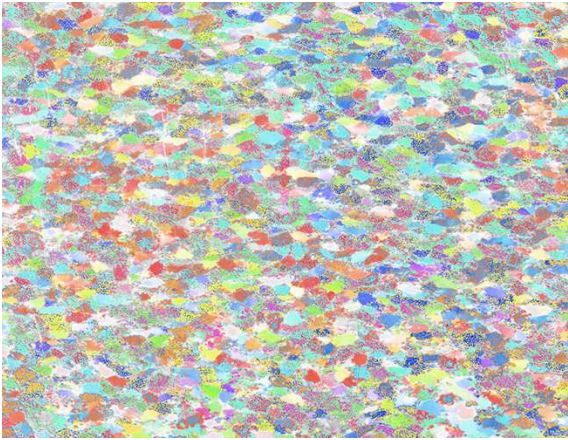
blurr?

Basel, July, 23 2013

4 tilts - 2 tilts    soft - stiff

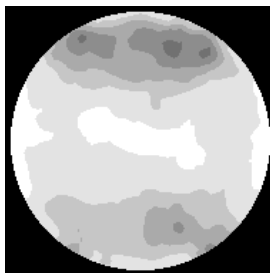
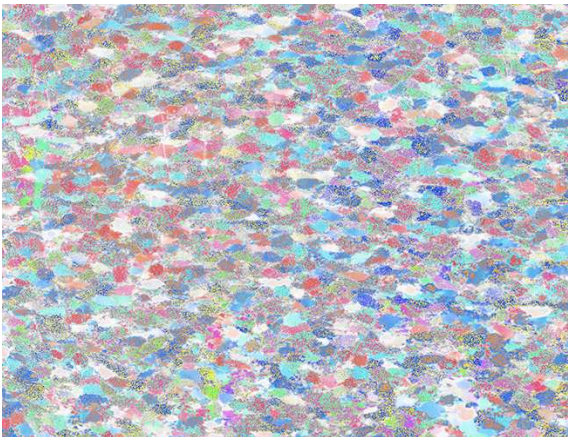


max = 3.07    stiff

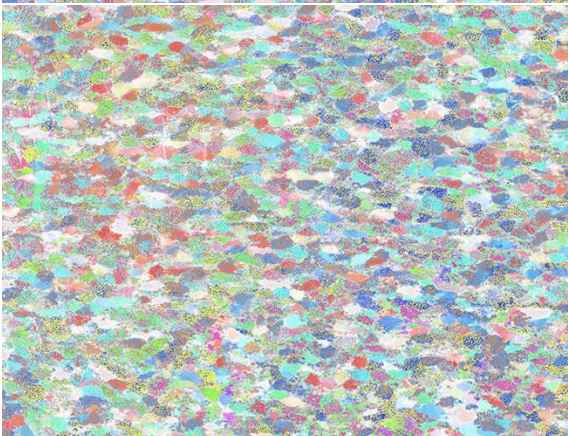


max = 3.04    soft

4 tilts



max = 2.84    stiff

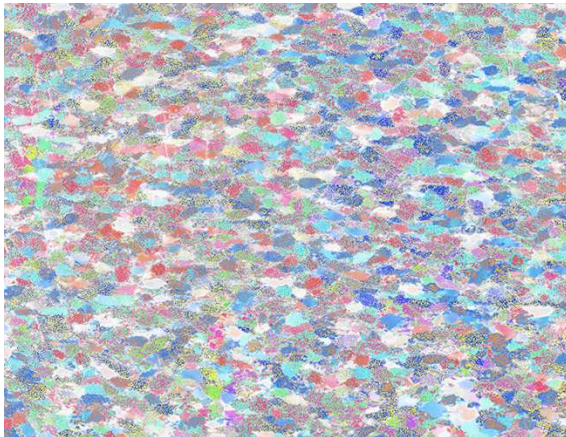


max = 3.59    soft

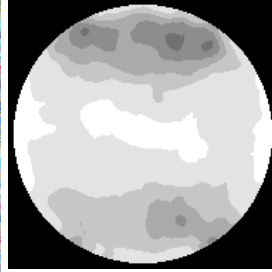
2 tilts    EUP SUP

# 2 tilts all stiff

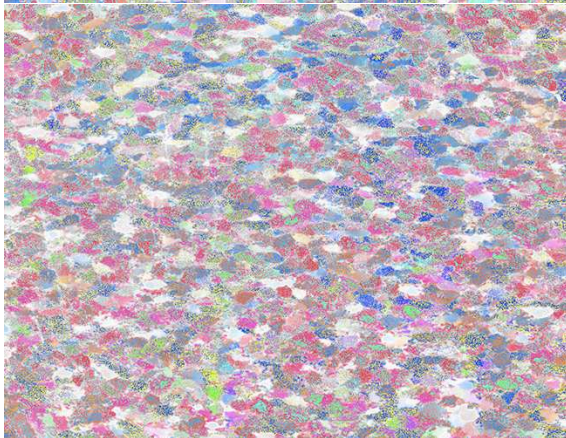
2 tilts - stiff



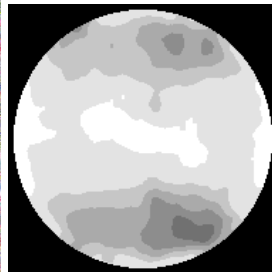
EUP SUP



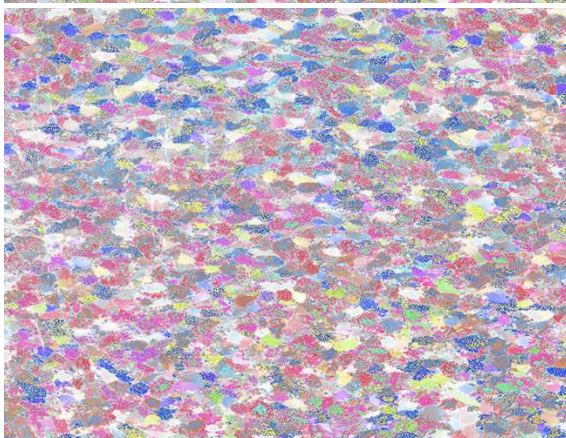
max = 2.83934



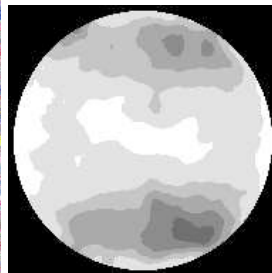
SUPWUP



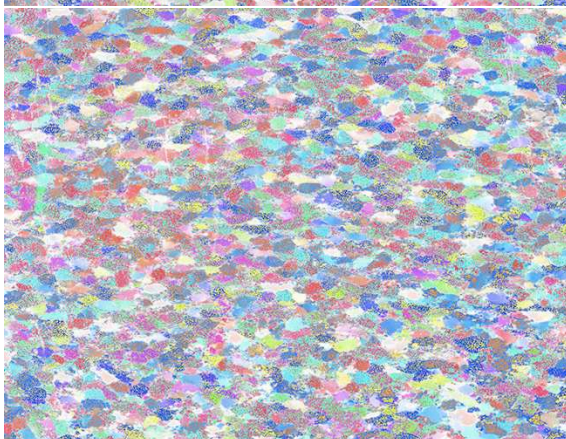
max = 2.89752



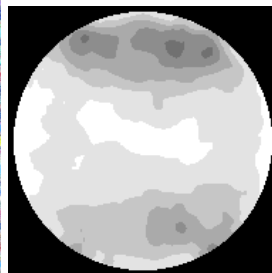
WUP NUP



max = 2.89767

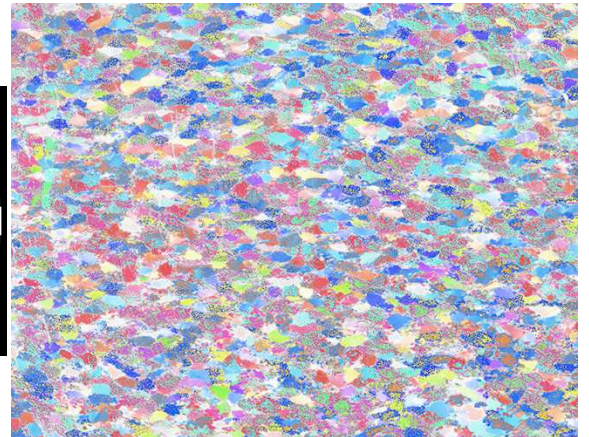


NUP EUP



max = 2.83950

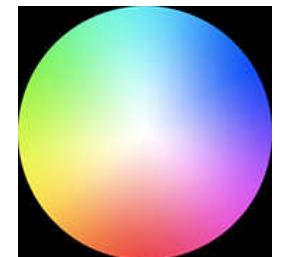
4 tilts - stiff



4 tilts



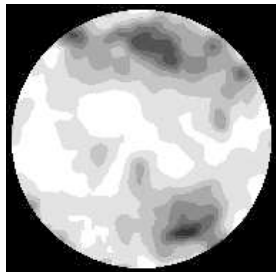
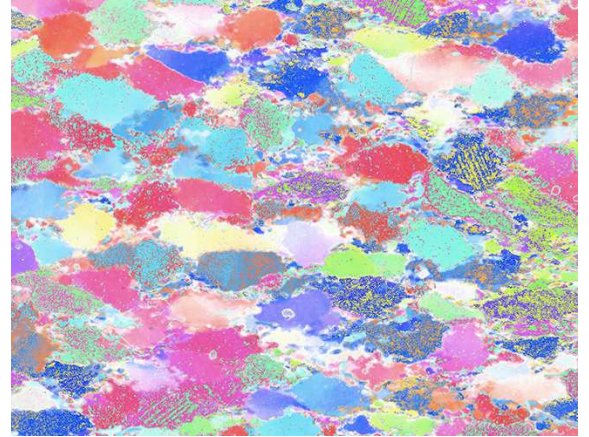
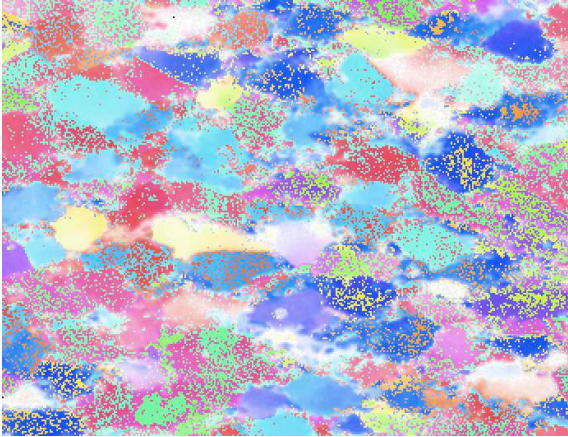
max = 3.07398



# Detail I (2xNN same site as 10x) all 4 tilts stiff

690 · 530 INCP 2-95%

1300 · 1000 INCP 2-95%



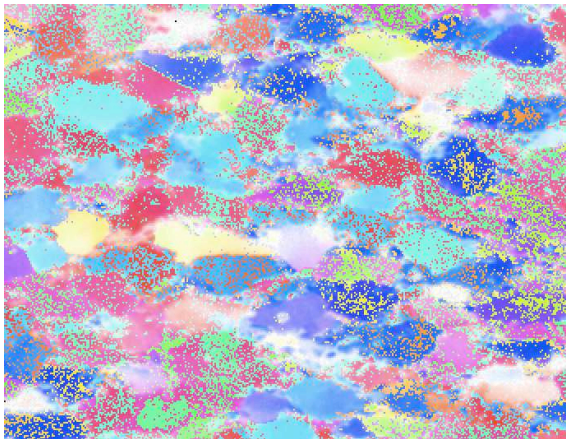
max = 4.51869



max = 5.02802

# Detail 2 and 3 (2xNN) all 4 tilts stiff

Detail 1 690 · 530 INCP 2-95%

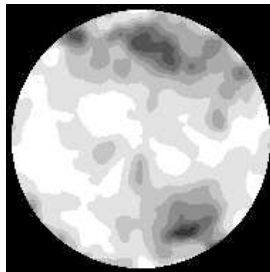


2x NN



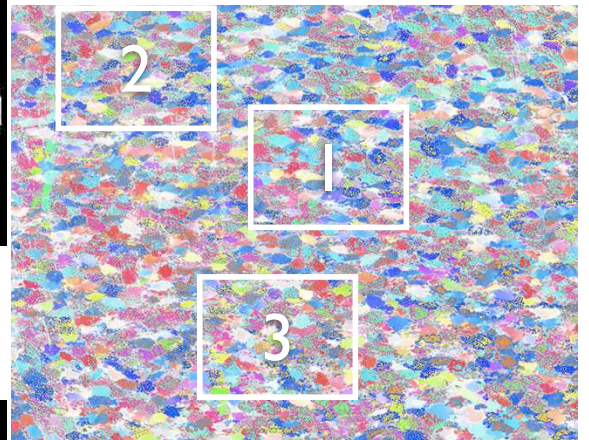
max = 4.51869

2x bilin



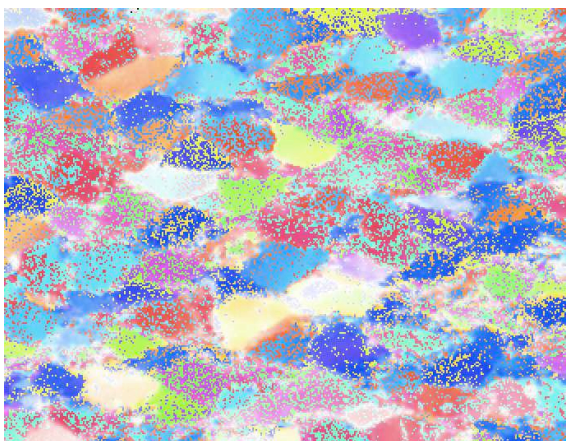
max = 4.49765

1300 · 1000 INCP 2-95%

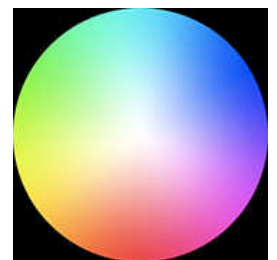


max = 3.07398

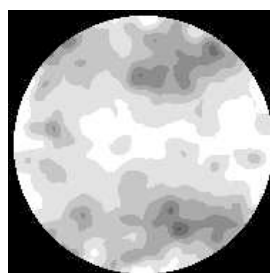
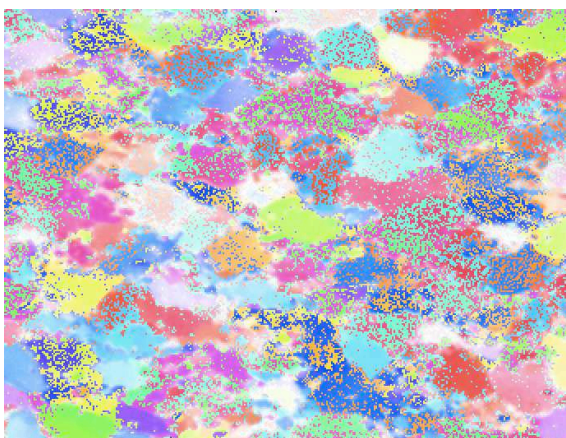
Detail 2 690 · 530 INCP 2-95%



max = 4.56614

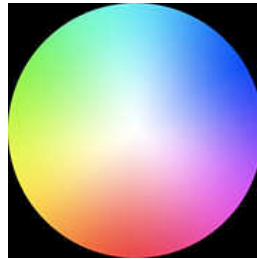
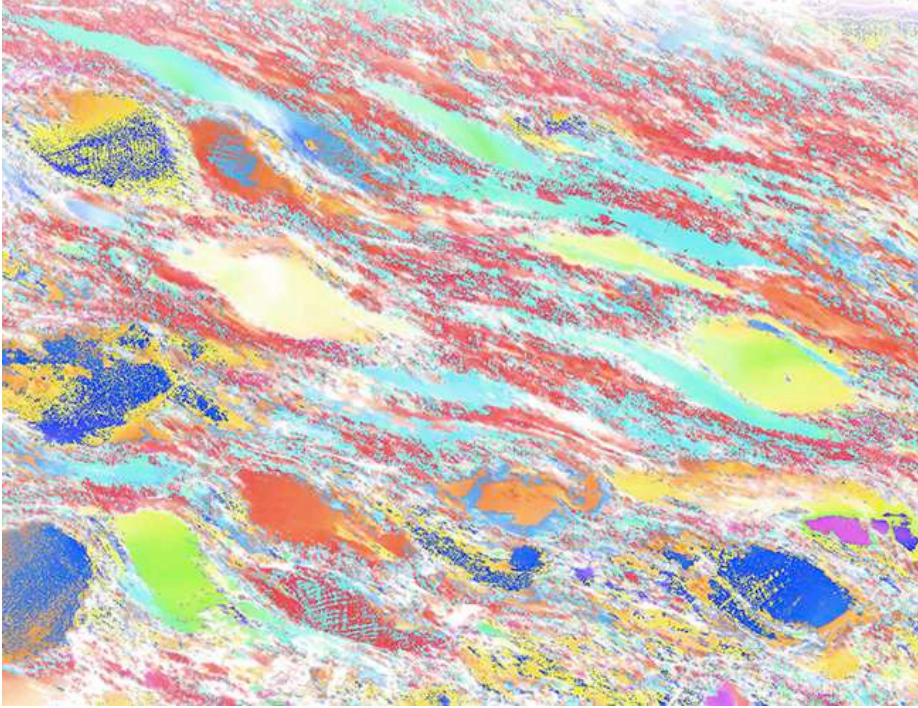


Detail 3 690 · 530 INCP 2-95%



max = 3.31581

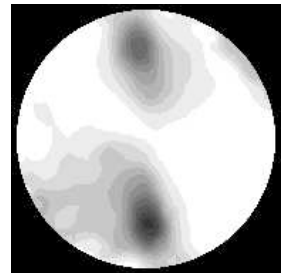
super3 10x 4 tilts



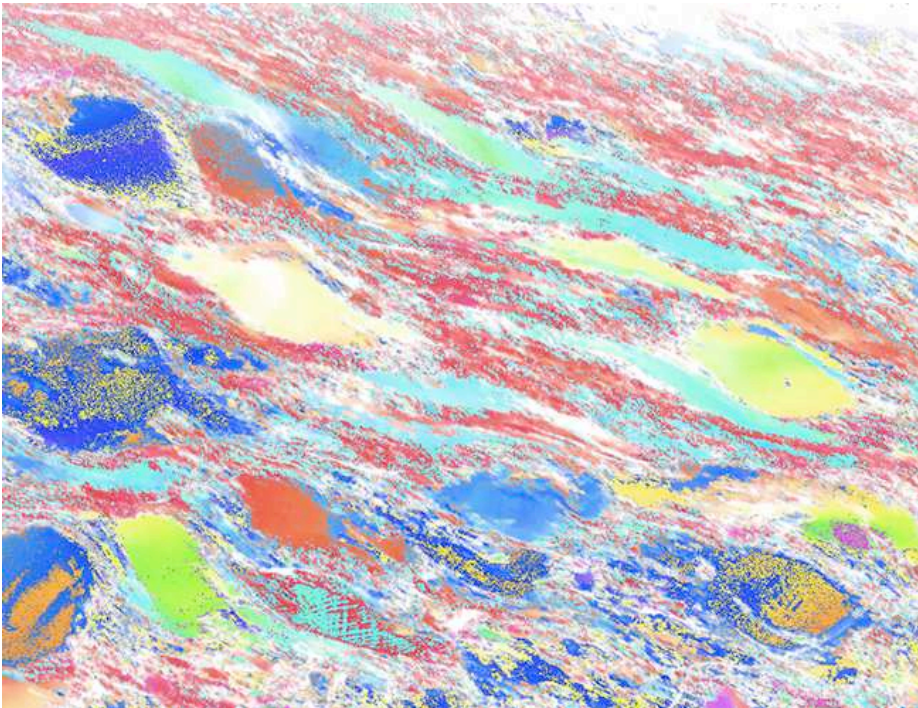
cirpol Pre SOFT

max = 5.98026

0.50 ... 6.00



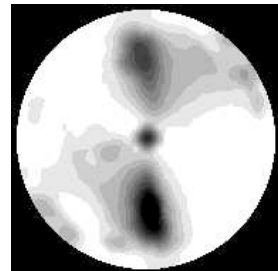
smooth 0.5 ... 7.5



cirpol STIFF

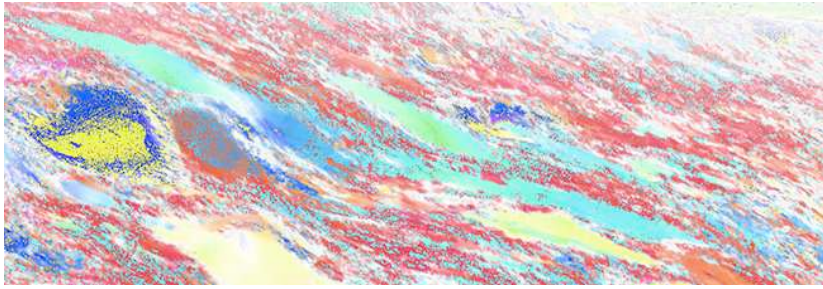
max = 7.35768

0.50 ... 6.00



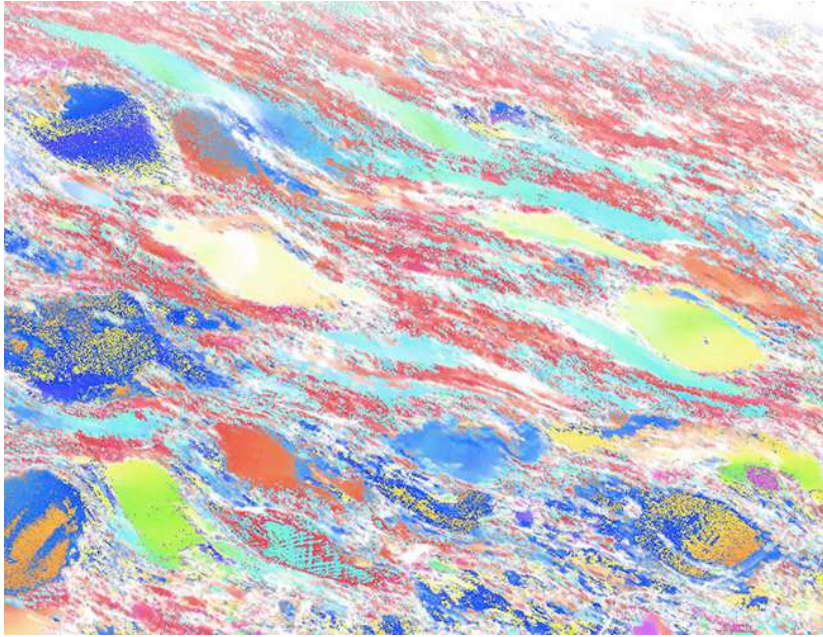
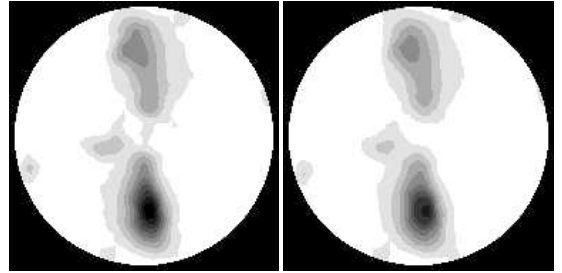
smooth 0.5 ... 7.5

super3 10x 4 tilts parts cirpol STIFF



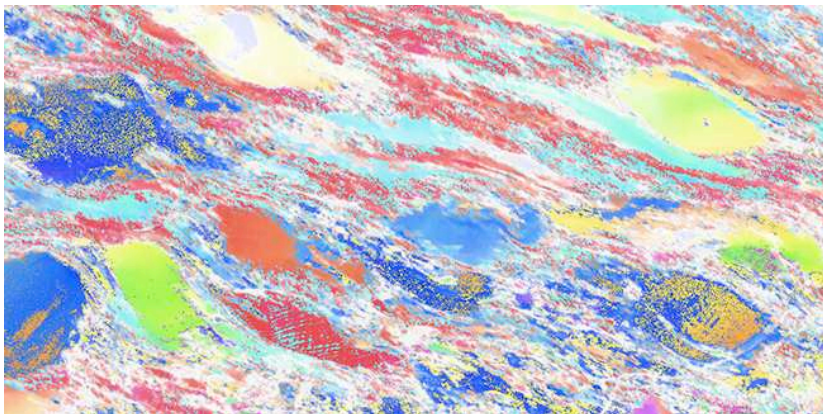
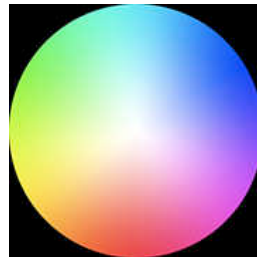
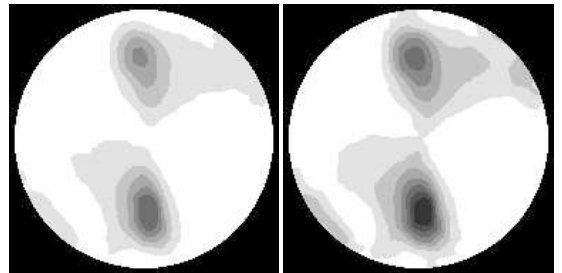
max = 10.22763  
1.00 ... 10.00

0.1 - 1.0 max



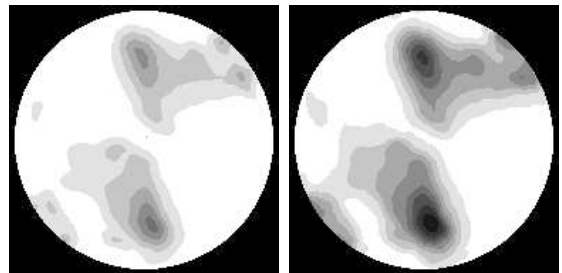
max = 7.35768  
1.00 ... 10.0

0.1 - 1.0 max



max = 5.46045  
1.00 ... 10.0

0.1 - 1.0 max



measuring background (= empty glass in corner of super6 20x)

need to replace by Meas2

	image	area	mean	St Dev	min	max	diff to mean	FLARE
1	ROTS: 11.1 ms 0	35412	187.64	5.5340	172	237	-1.3966	187
2	10	35412	188.25	5.1830	172	237	-0.77856	188
3	20	35412	188.82	4.6990	173	237	-0.21156	188
4	30	35412	189.43	4.1790	173	234	0.39945	189
5	40	35412	190.05	3.7650	176	235	1.0134	190
6	50	35412	190.74	3.4110	177	233	1.7034	190
7	60	35412	191.32	3.3050	179	234	2.2904	191
8	70	35412	191.87	3.3240	182	236	2.8364	191
9	80	35412	191.76	3.4180	182	237	2.7284	191
10	90	35412	191.03	3.5620	181	239	1.9994	191
11	100	35412	189.91	3.6910	179	241	0.87544	189
12	110	35412	188.61	3.8230	179	241	-0.42256	188
13	120	35412	187.25	4.0350	177	240	-1.7786	187
14	130	35412	185.91	4.3520	174	242	-3.1186	185
15	140	35412	185.50	4.6420	174	239	-3.5286	185
16	150	35412	185.50	4.9080	174	238	-3.5346	185
17	160	35412	186.25	5.0610	173	237	-2.7796	186
18	170	35412	187.04	5.0880	173	237	-1.9936	187
19	180	35412	187.97	4.9160	174	236	-1.0596	187
20	TILTS: 17.5 ms eup	35412	173.19	6.6630	153	240	-15.841	
21	sup	35412	202.78	4.5160	182	243	13.746	
22	wup	35412	187.24	5.8240	157	244	-1.7956	
23	nup	35412	173.01	6.8580	153	240	-16.025	
24	bgTILT (sup) 17.5 ms	35412	217.85	0.96100	214	221	28.813	
25	bgFLAT 11.1ms	35412	186.89	2.3020	180	194	-2.1436	

	image	mean	diff to min	divide REAL by	subtract empty
19	180	187.97	14.965		
20	TILTS: 17.5 ms eup	173.19	0.18401	173.19	
21	sup	202.78	29.771	202.78	
22	wup	187.24	14.229	187.24	
23	nup	173.01	0.0000	173.01	
24	bgTILT (sup) 17.5 ms	217.85	44.838		



# New FLARE

