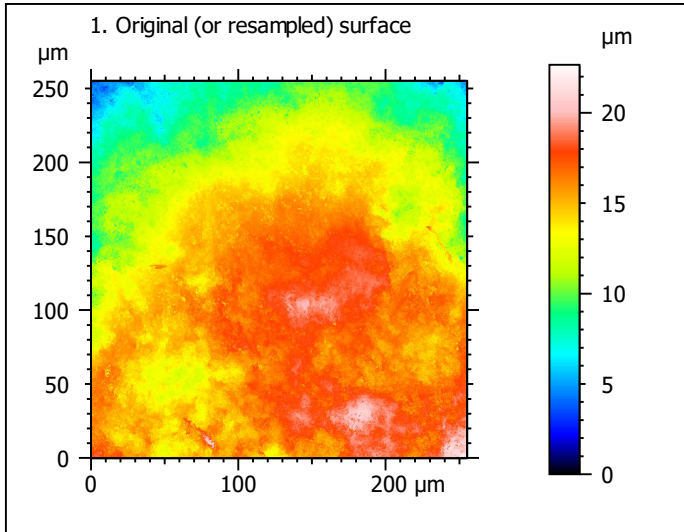


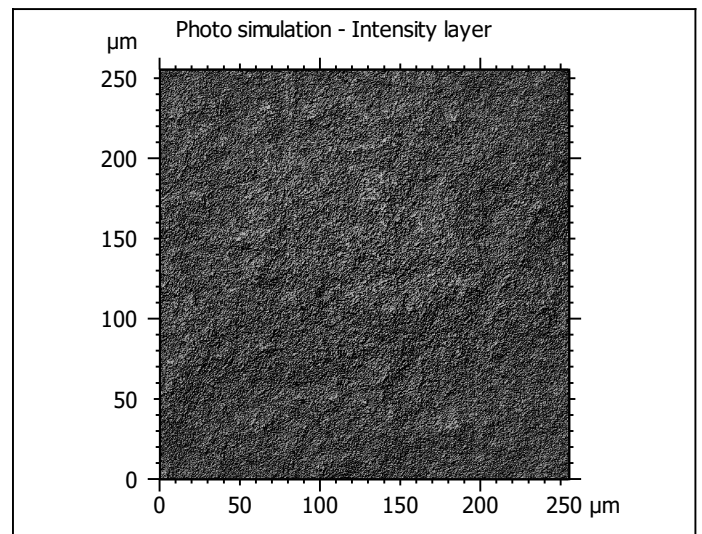
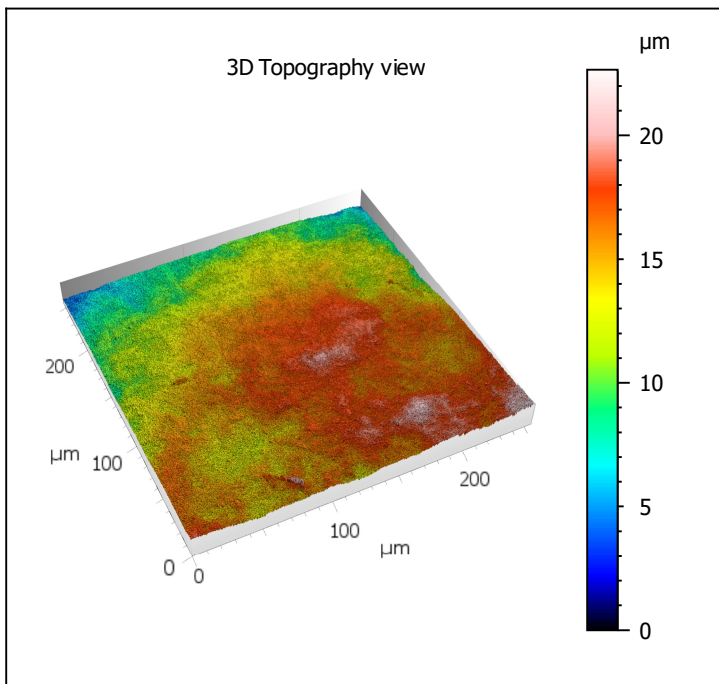
Template - Processing analysis

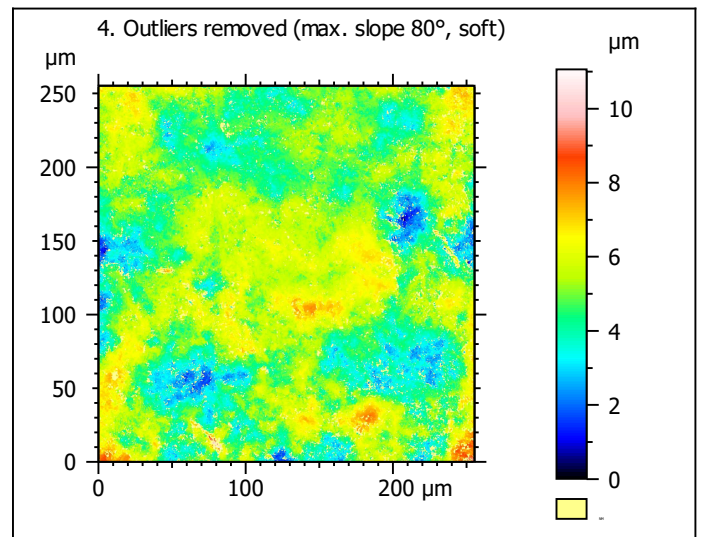
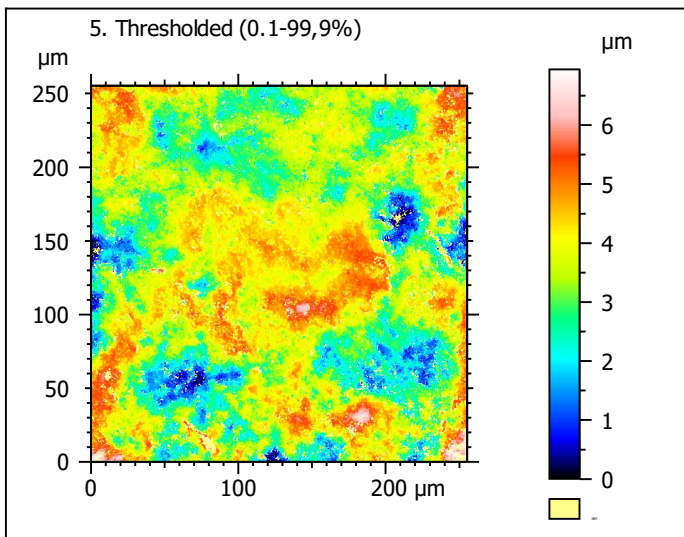
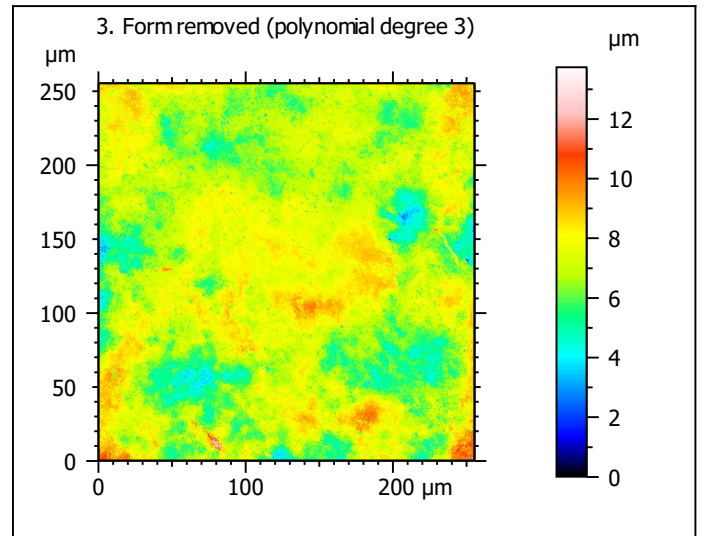
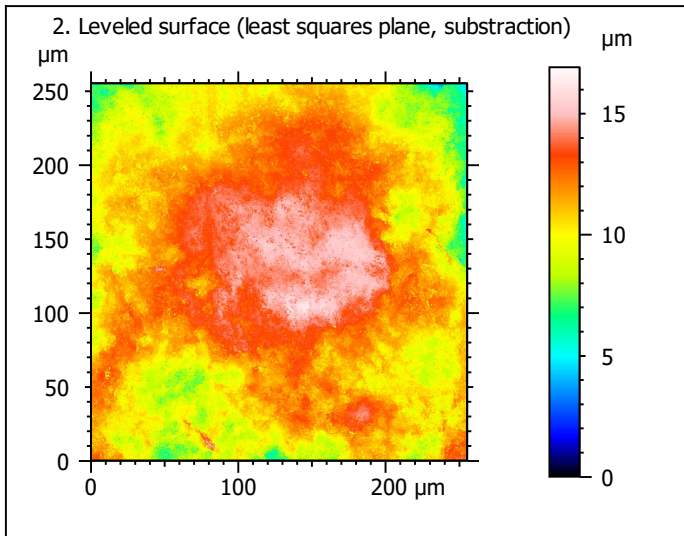
Template to process all surfaces acquired with the Zeiss LSM 800 with the 50x/0.75 objective.

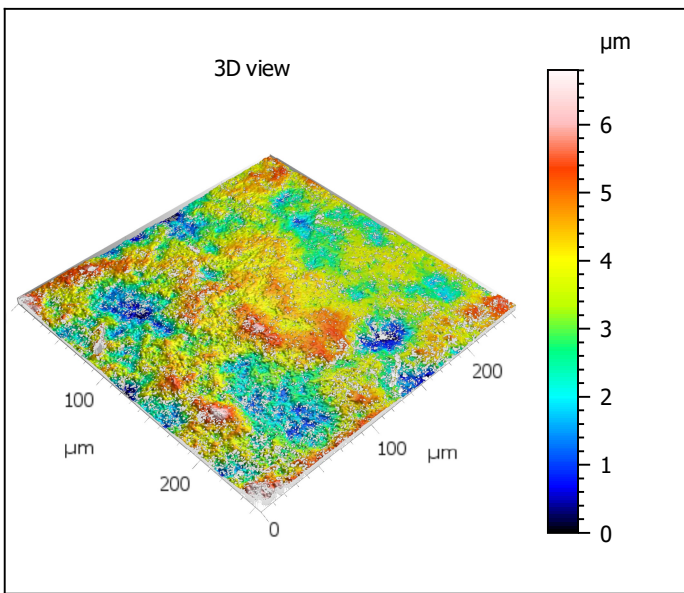
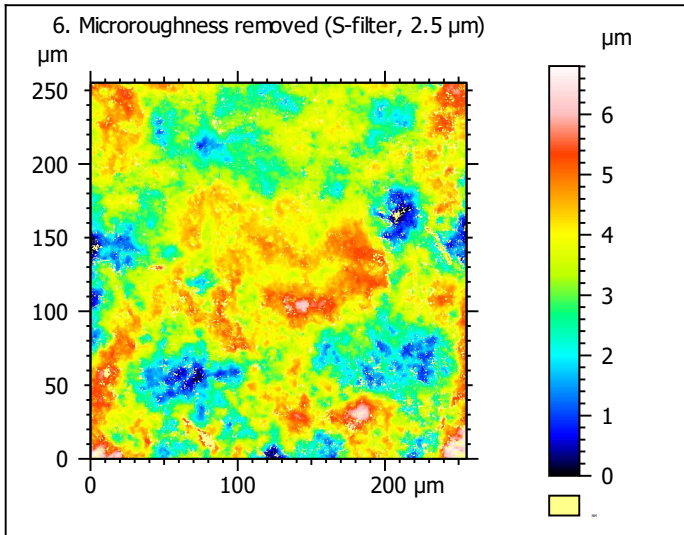
Processing



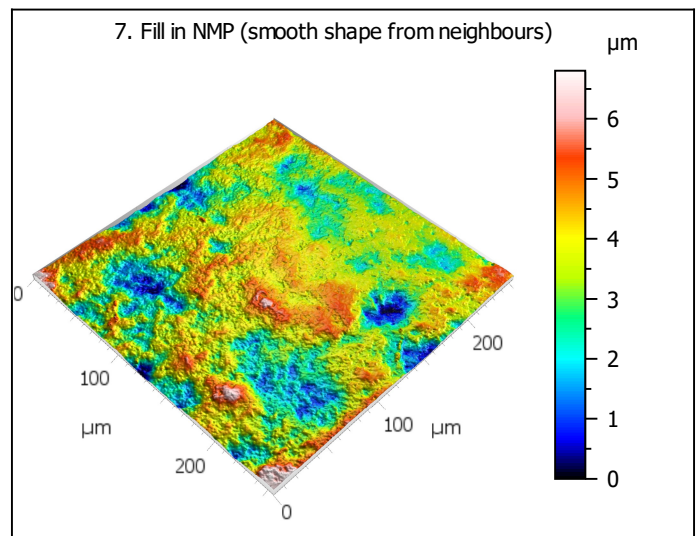
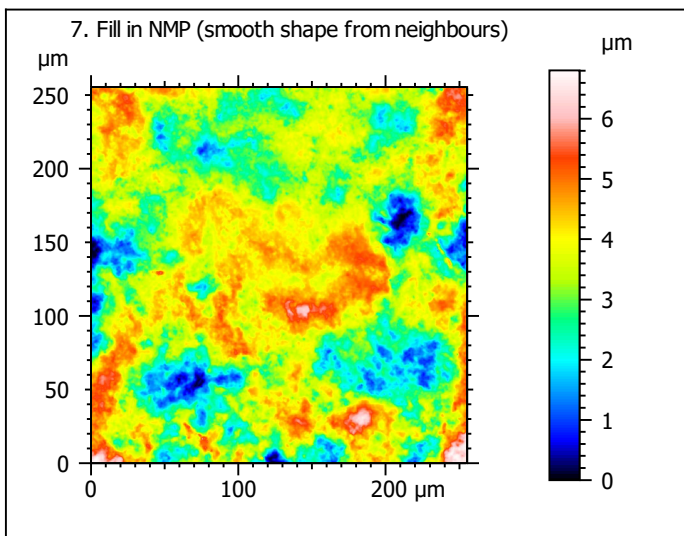
Identity card			
Name:	lime6-1_lsm_50x-0.75_20200914_surf1_Topo		
Created on:	9/14/2020 2:48:35 PM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Y		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Z		
Layer type:	Topography		
Length:	22.67	µm	
Size:	65532	digits	
Spacing:	0.3459	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	lime6-1_lsm_50x-0.75...filtered (As 2.500 μm)		
File path:	D:\Dropbox\jmmarreir...0914_surf1_Topo.sur		
Created on:	9/14/2020 2:48:35 PM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Offset:	0.000	μm	
Axis:	Y		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Offset:	-255.3	μm	
Axis:	Z		
Layer type:	Topography		
Length:	6.803	μm	
Min:	-3.389	μm	
Max:	3.414	μm	
Size:	196680	digits	
Spacing:	0.03459	nm	
NM-points ratio:	15.16 % (158934 Pts)		

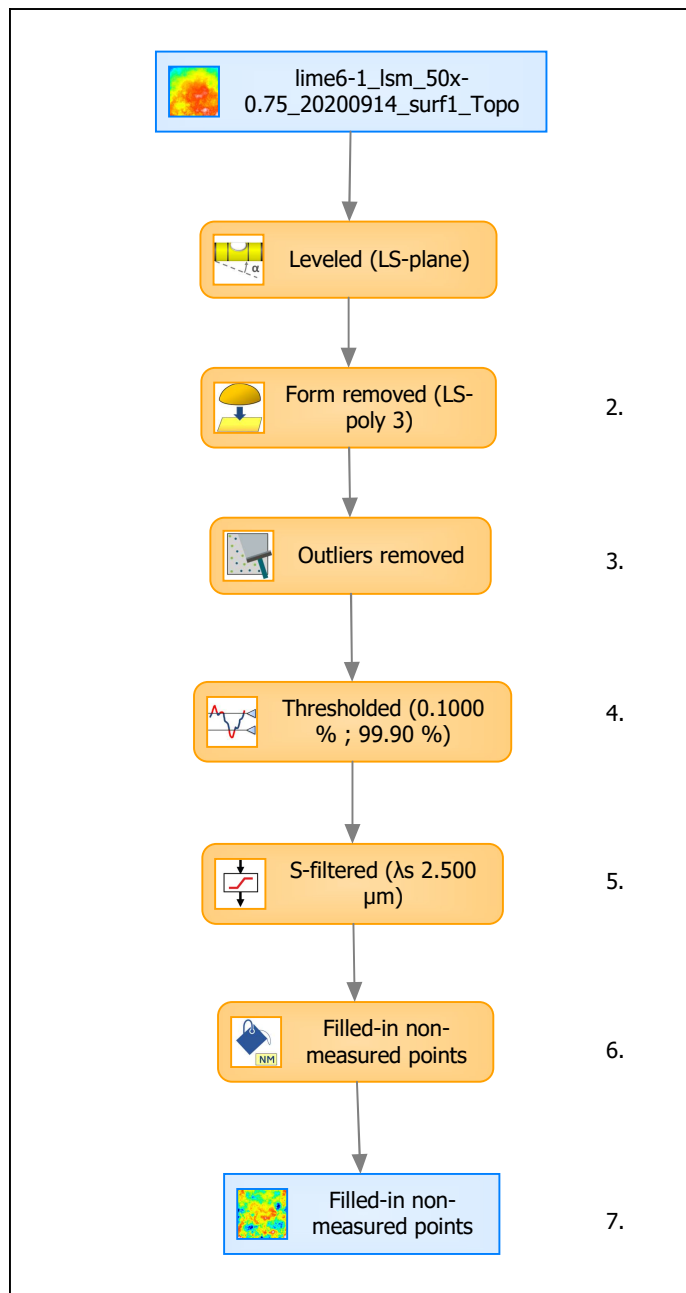


Identity card			
Name:	lime6-1_lsm_50x-0.75_...in non-measured points		
Created on:	9/14/2020 2:48:35 PM		
Studiable type:	Surface		
Axis:	X		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Y		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Z		
Layer type:	Topography		
Length:	6.803	μm	
Size:	196680	digits	
Spacing:	0.03459	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

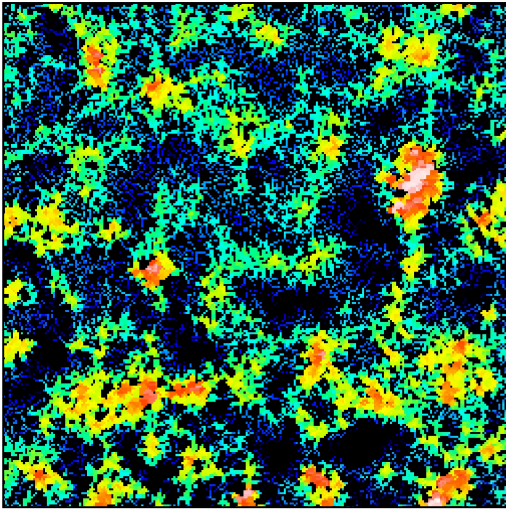
8. ISO 25178-2 parameters on surface #7

ISO 25178 - Primary surface			
<i>F: [Workflow] Form removed (LS-poly 3)</i>			
<i>S-filter (λs): [Workflow] S-filtered (λs 2.500 μm)</i>			
Height parameters			
Sq	1.019	μm	
Ssk	-0.2669		
Sku	3.184		
Sp	3.376	μm	
Sv	3.427	μm	
Sz	6.803	μm	
Sa	0.8057	μm	
Functional parameters			
Smr	0.7713	%	
Smc	1.234	μm	
Sxp	2.251	μm	
Spatial parameters			
Sal	26.13	μm	
Str	0.7948		
Std	86.99	°	
Hybrid parameters			
Sdq	0.3030		
Sdr	4.292	%	
Functional parameters (Volume)			
Vm	0.04361	μm ³ /μm ²	
Vv	1.277	μm ³ /μm ²	
Vmp	0.04361	μm ³ /μm ²	
Vmc	0.9124	μm ³ /μm ²	
Vvc	1.143	μm ³ /μm ²	
Vvv	0.1346	μm ³ /μm ²	



Analyses:	
ISO 25178	8.
Furrow	9.
Texture direction	10.
Texture isotropy	11.
SSFA	12.

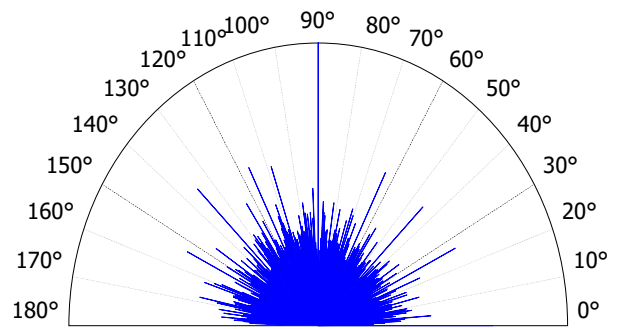
9. Furrow analysis on surface #7



All furrows are shown.

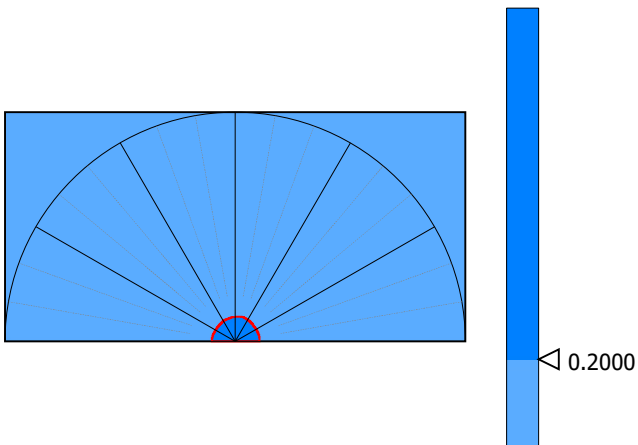
Parameters	Value	Unit
Maximum depth of furrows	3.614	µm
Mean depth of furrows	1.100	µm
Mean density of furrows	2798	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	90.02	°
Second direction	180.0	°
Third direction	135.0	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Texture isotropy	89.58	%

12. SSFA on surface #7

