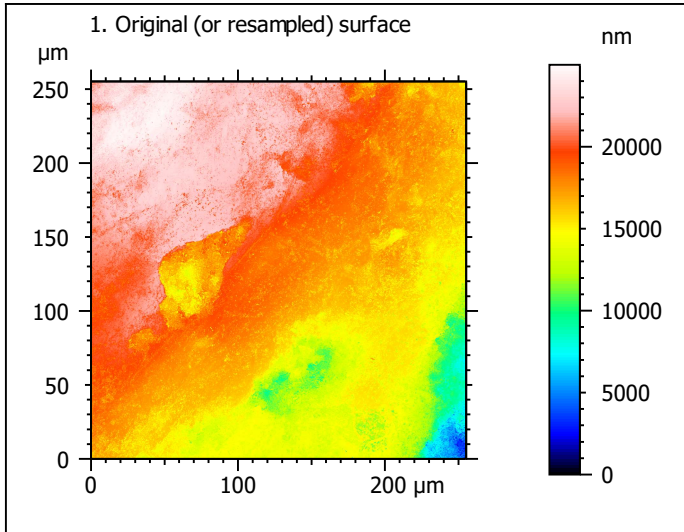


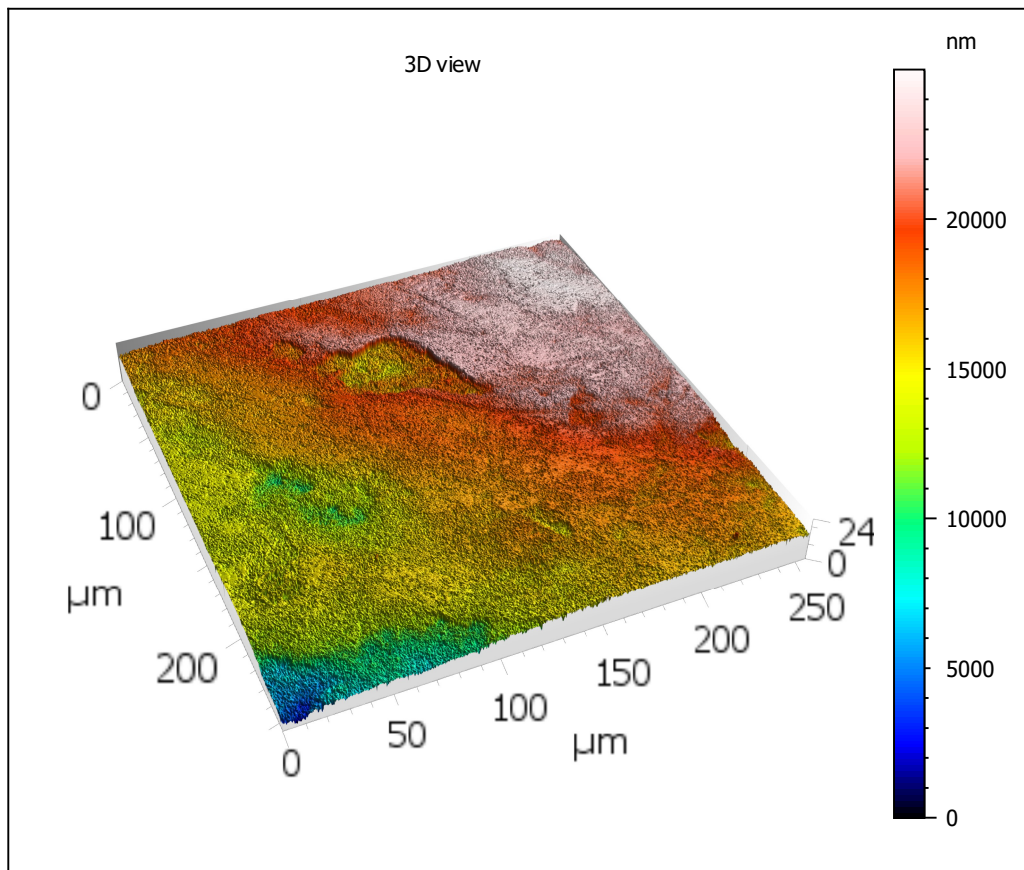
Template - Processing analysis

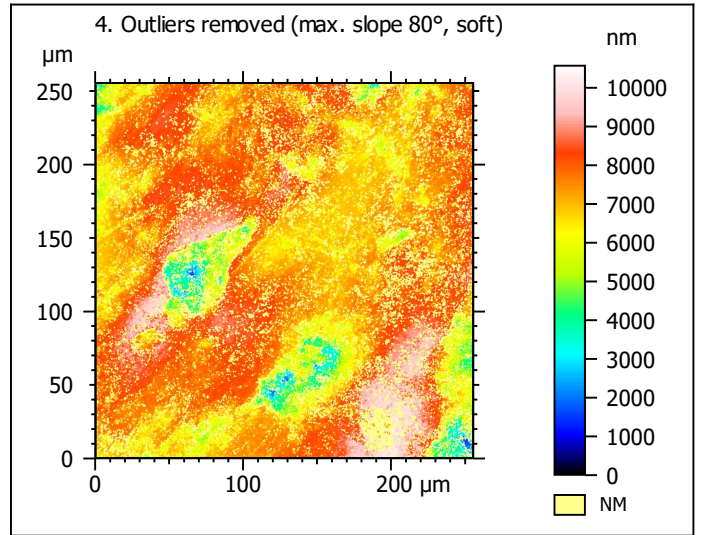
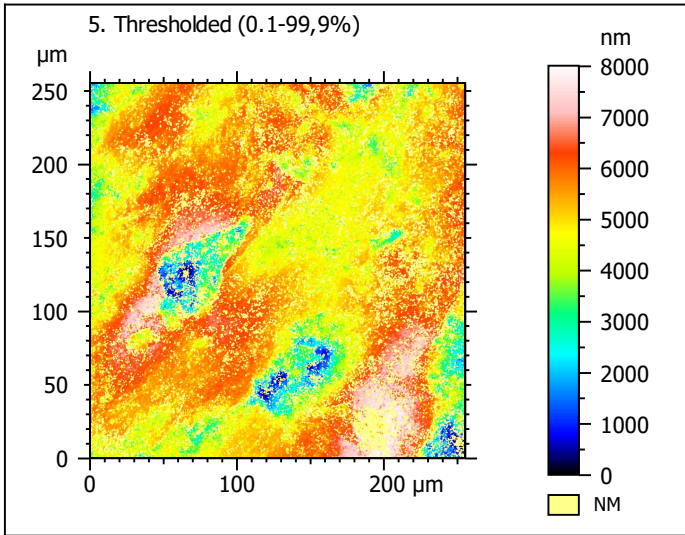
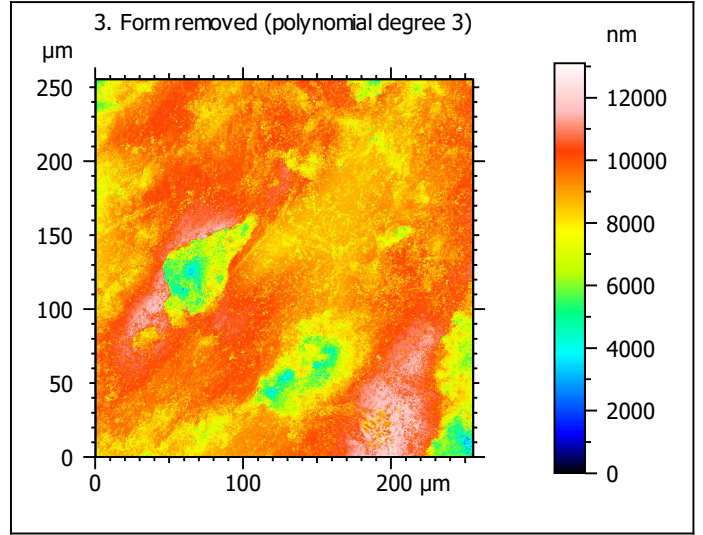
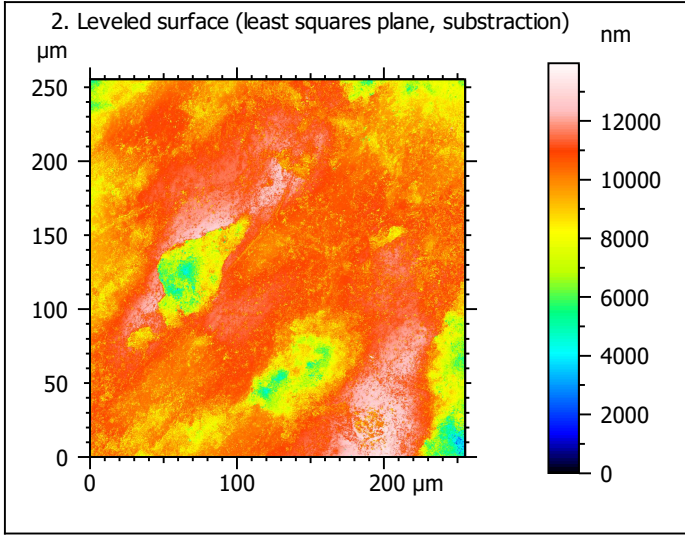
Template to process all surfaces acquired with the LSM with the 50x/0.75 and 50x/0.95 objectives.

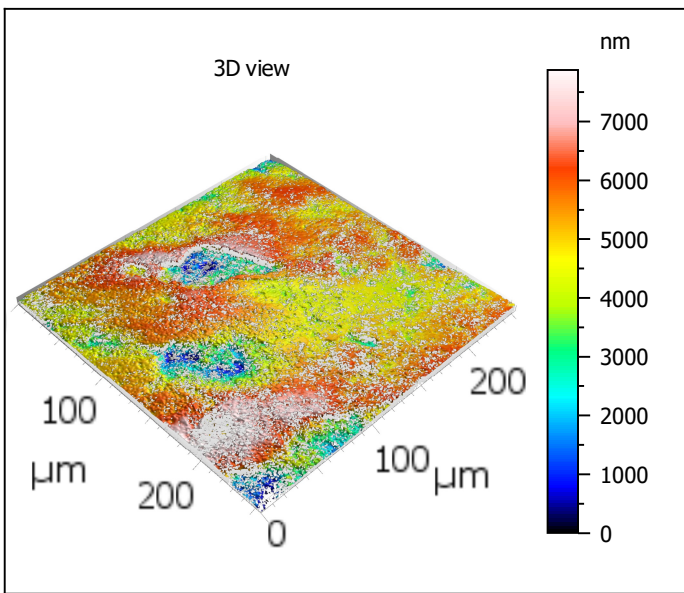
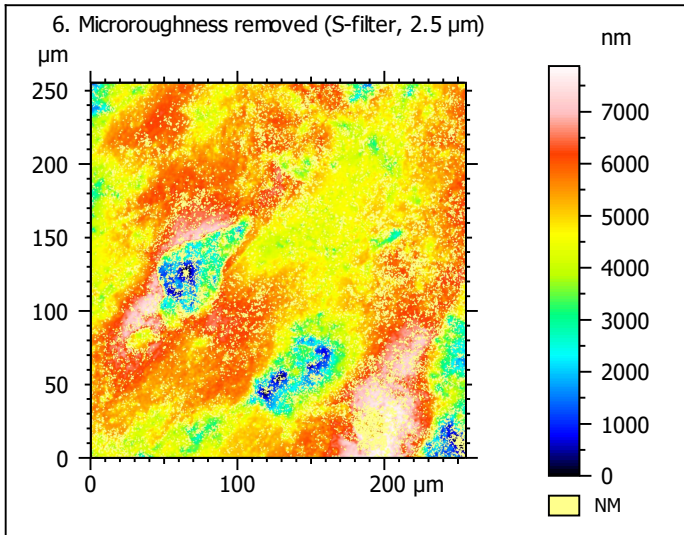
Processing



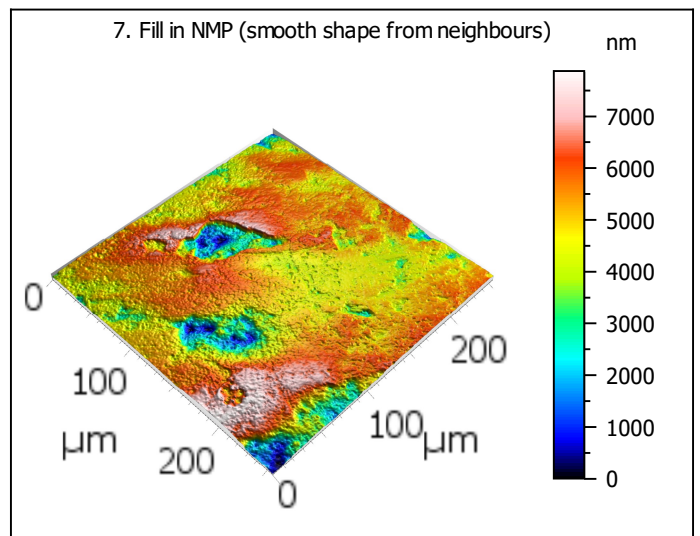
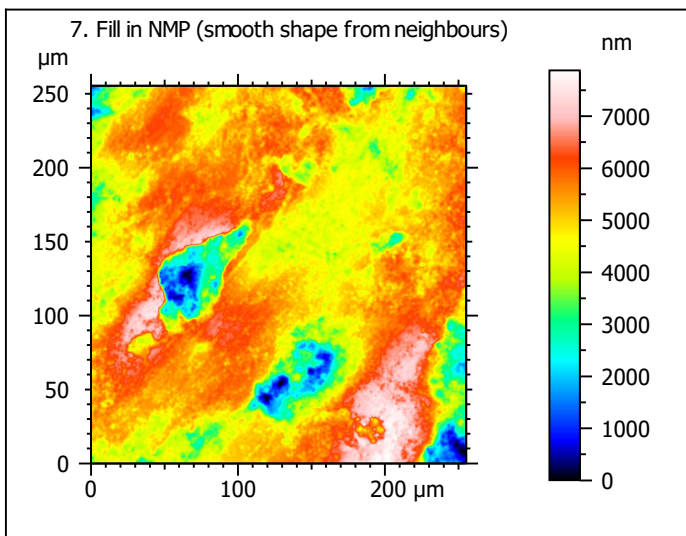
Identity card			
Name:	lime6-6_lsm_50x-0.75_...11_1000rot_surf1_Topo		
Created on:	9/11/2020 1:38:11 PM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Y		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Z		
Layer type:	Topography		
Length:	24999	nm	
Size:	65531	digits	
Spacing:	0.3815	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	lime6-6_lsm_50x-0.75...filtered (As 2.500 μm)		
File path:	C:\Users\marreiros.R...00rot_surf1_Topo.sur		
Created on:	9/11/2020 1:38:11 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:	7877	nm	
Min:	-4904	nm	
Max:	2973	nm	
Size:	206488	digits	
Spacing:	0.03815	nm	
NM-points ratio:	23.33 % (244631 Pts)		

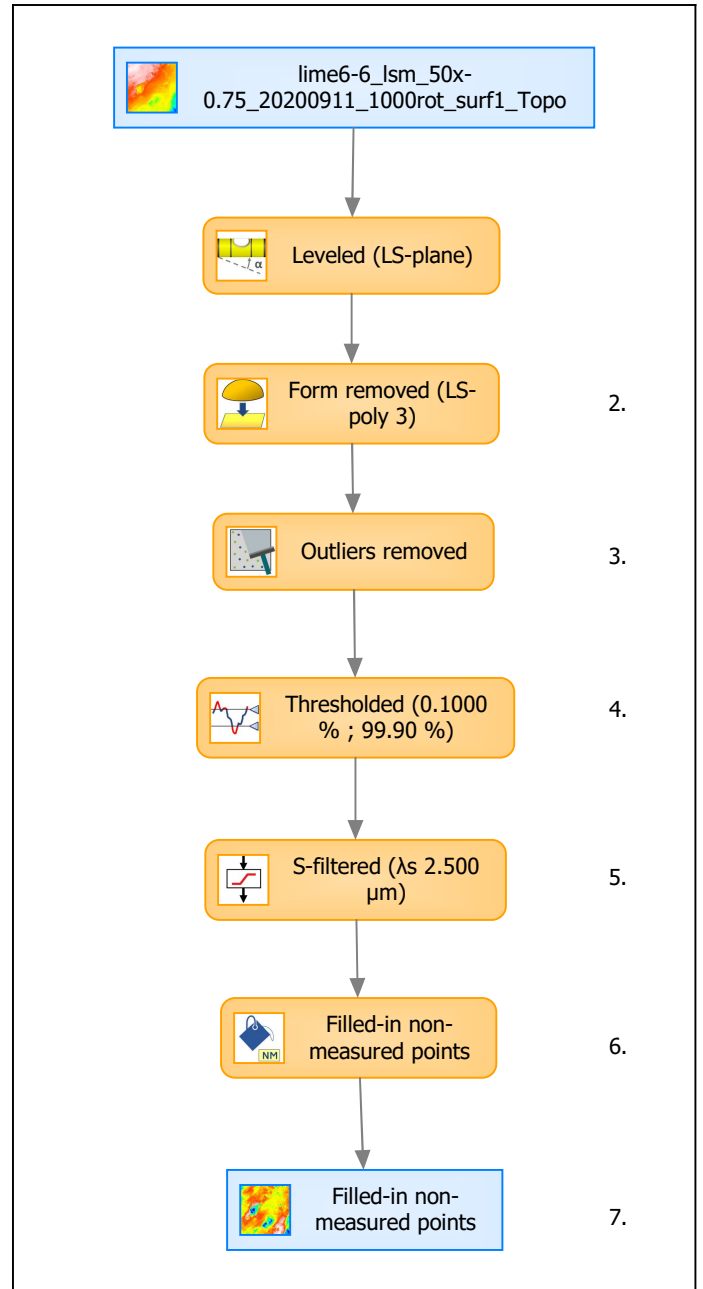


Identity card			
Name:	lime6-6_lsm_50x-0.75...in non-measured points		
Created on:	9/11/2020 1:38:11 PM		
Studiable type:	Surface		
Axis:	X		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Y		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Z		
Layer type:	Topography		
Length:	7877	nm	
Size:	206488	digits	
Spacing:	0.03815	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

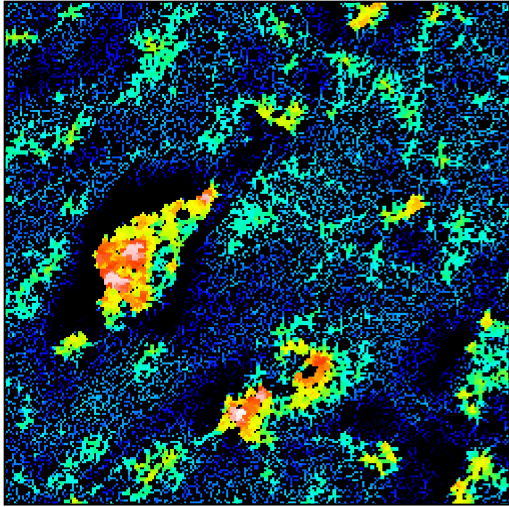
8. ISO 25178-2 parameters on surface #7

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	1172	nm	
Ssk	-0.8975		
Sku	4.711		
Sp	2902	nm	
Sv	4975	nm	
Sz	7877	nm	
Sa	870.1	nm	
Functional parameters			
Smr	3.687	%	
Smc	1240	nm	
Sxp	3218	nm	
Spatial parameters			
Sal	19.19	μm	
Str	0.5389		
Std	23.25	°	
Hybrid parameters			
Sdq	0.3265		
Sdr	4.685	%	
Functional parameters (Volume)			
Vm	0.05547	μm ³ /μm ²	
Vv	1.295	μm ³ /μm ²	
Vmp	0.05547	μm ³ /μm ²	
Vmc	0.8639	μm ³ /μm ²	
Vvc	1.087	μm ³ /μm ²	
Vvv	0.2081	μm ³ /μm ²	



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

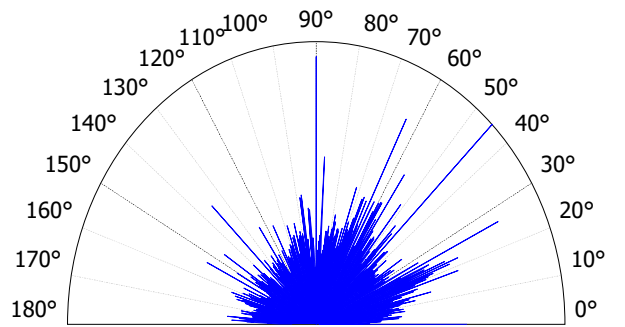
9. Furrow analysis on surface #7



All furrows are shown.

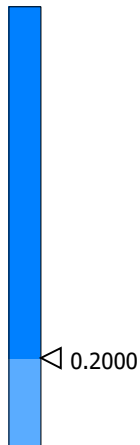
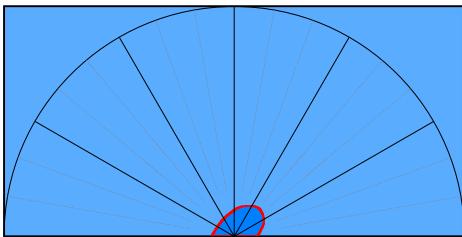
Parameters	Value	Unit
Maximum depth of furrows	4852	nm
Mean depth of furrows	1062	nm
Mean density of furrows	2978	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	44.99	°
Second direction	90.01	°
Third direction	26.43	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Isotropy	52.60	%

12. SSFA on surface #7

