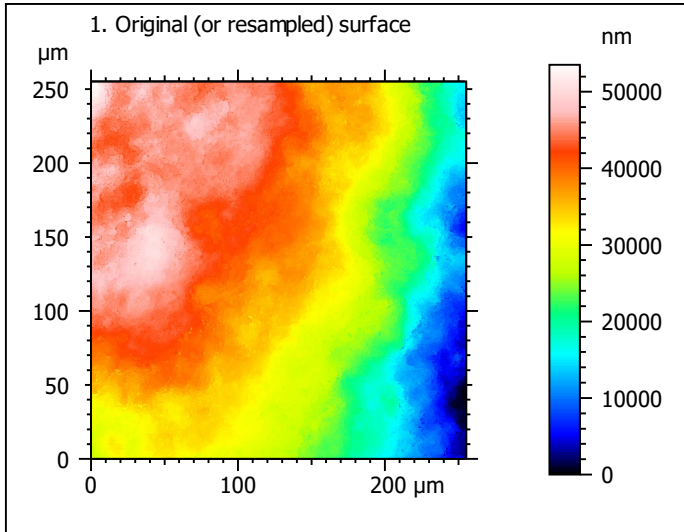


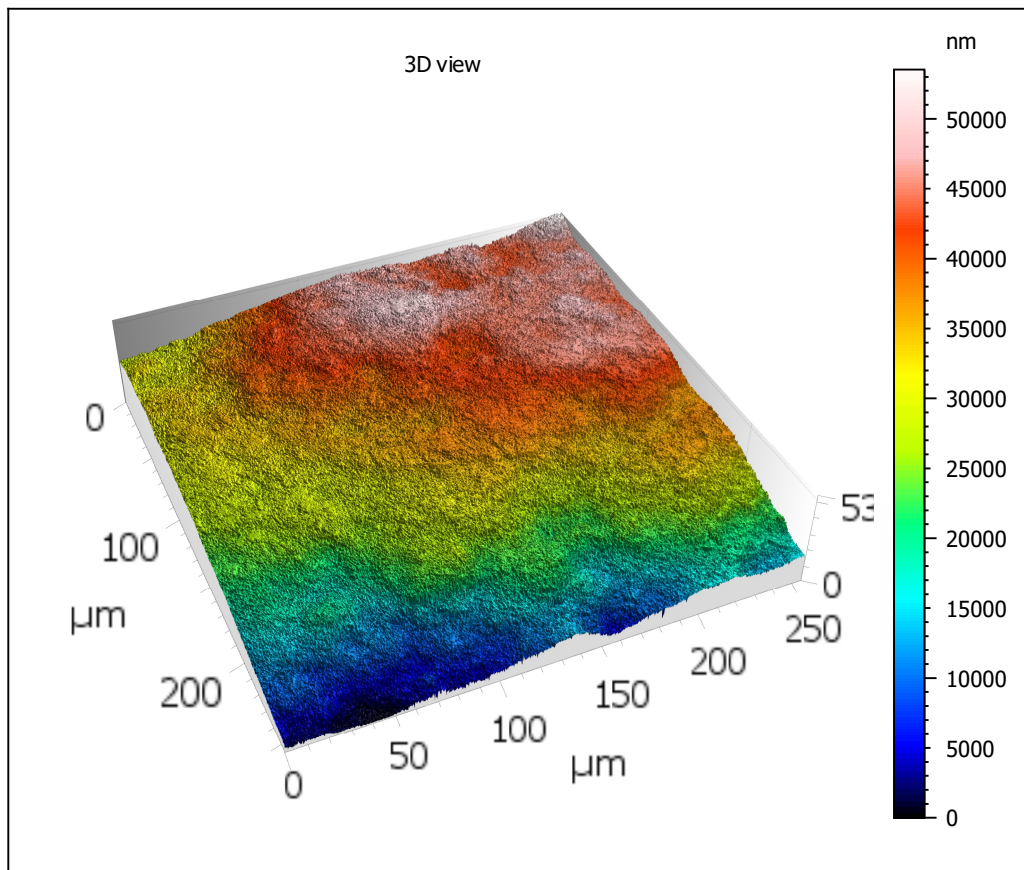
Template - Processing analysis

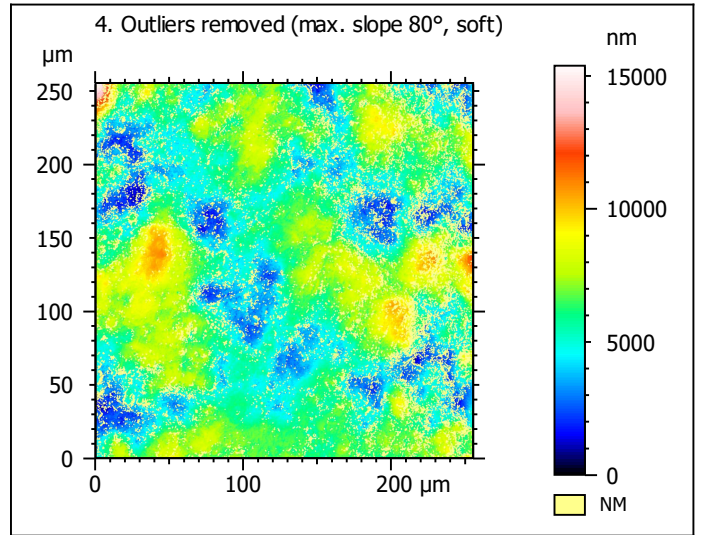
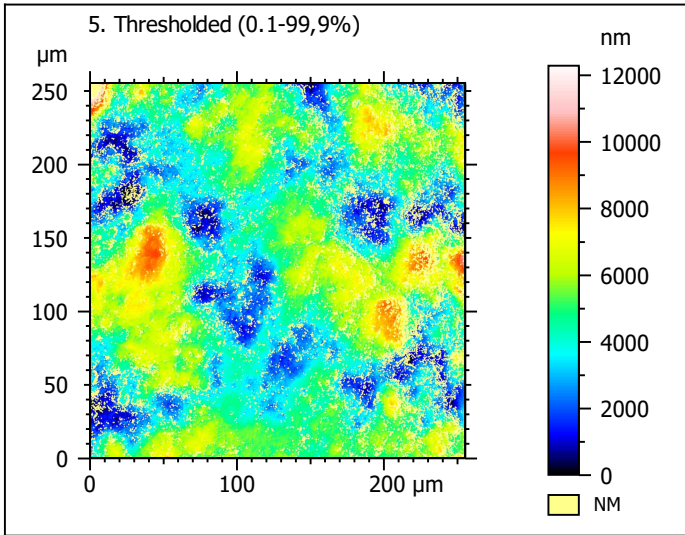
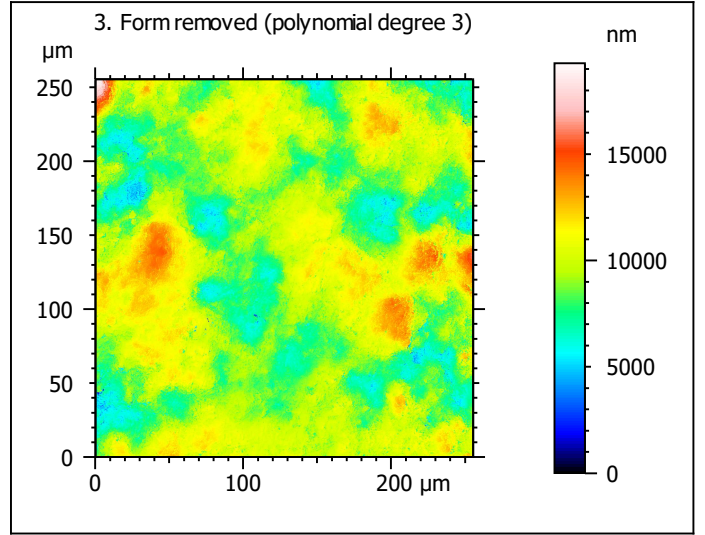
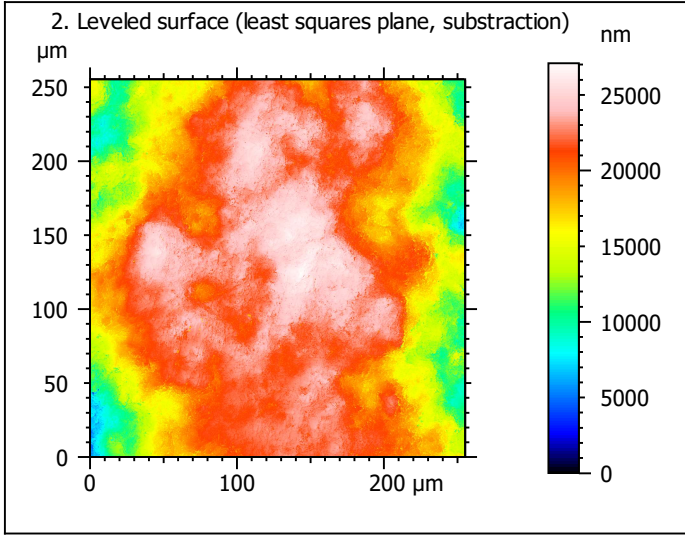
Template to process all surfaces acquired with the LSM with the 50x/0.75 and 50x/0.95 objectives.

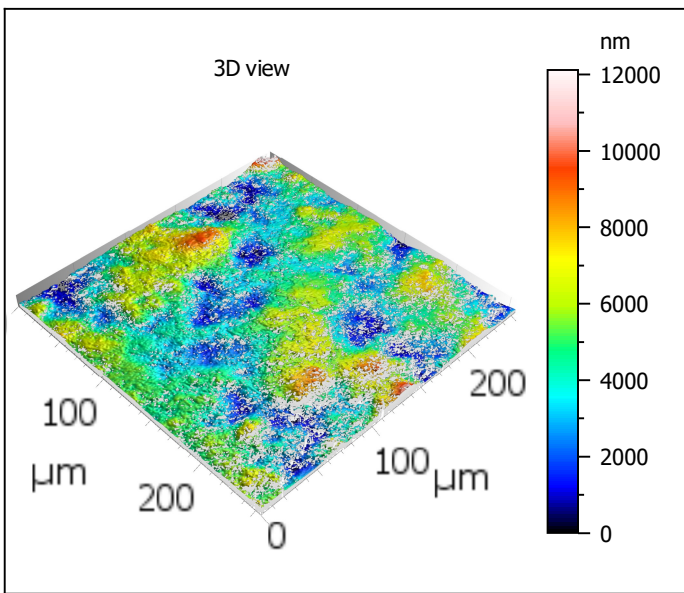
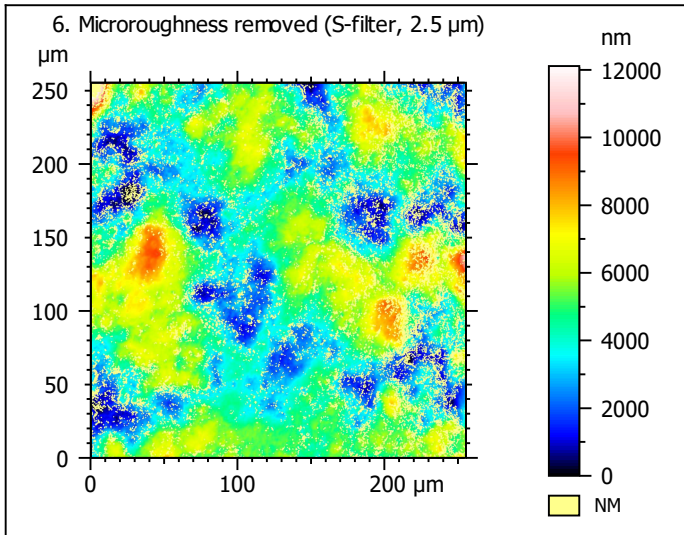
Processing



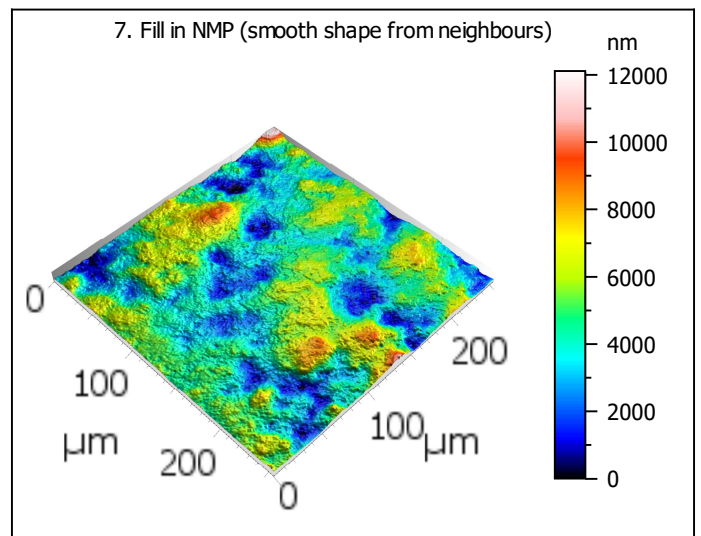
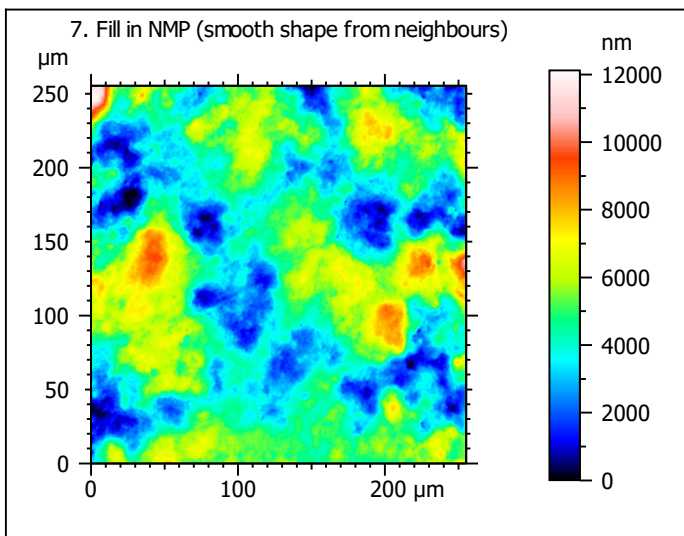
Identity card			
Name:	lime6-7_lsm_50x-0.75_...10_1000rot_surf2_Topo		
Created on:	9/10/2020 3:13:35 PM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Y		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Z		
Layer type:	Topography		
Length:	53528	nm	
Size:	65532	digits	
Spacing:	0.8168	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	lime6-7_lsm_50x-0.75...filtered (As 2.500 μm)		
File path:	C:\Users\marreiros.R...00rot_surf2_Topo.sur		
Created on:	9/10/2020 3:13:35 PM		
Studiable 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:	12115	nm	
Min:	-4365	nm	
Max:	7751	nm	
Size:	148320	digits	
Spacing:	0.08168	nm	
NM-points ratio:	20.47 % (214631 Pts)		

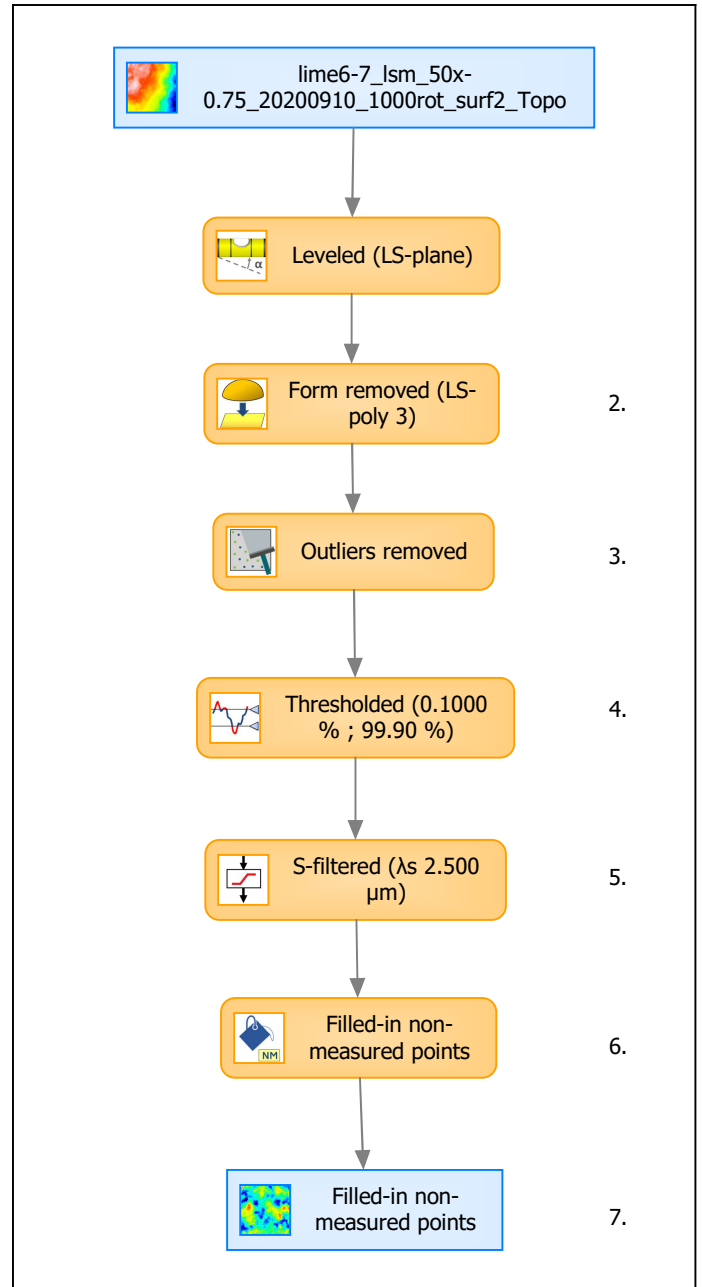


Identity card			
Name:	lime6-7_lsm_50x-0.75_...in non-measured points		
Created on:	9/10/2020 3:13:35 PM		
Studiable type:	Surface		
Axis: X			
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis: Y			
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis: Z			
Layer type:	Topography		
Length:	12115	nm	
Size:	148320	digits	
Spacing:	0.08168	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

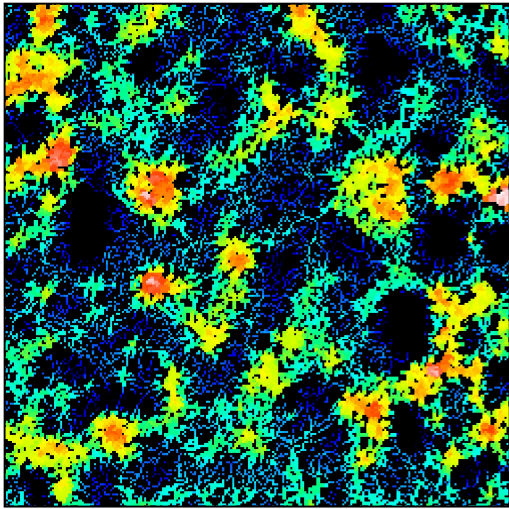
8. ISO 25178-2 parameters on surface #7

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	1701	nm	
Ssk	0.1704		
Sku	3.174		
Sp	7691	nm	
Sv	4424	nm	
Sz	12115	nm	
Sa	1368	nm	
Functional parameters			
Smr	0.1383	%	
Smc	2081	nm	
Sxp	3268	nm	
Spatial parameters			
Sal	24.30	μm	
Str	0.7342		
Std	81.50	°	
Hybrid parameters			
Sdq	0.3513		
Sdr	5.662	%	
Functional parameters (Volume)			
Vm	0.09106	μm ³ /μm ²	
Vv	2.172	μm ³ /μm ²	
Vmp	0.09106	μm ³ /μm ²	
Vmc	1.548	μm ³ /μm ²	
Vvc	1.989	μm ³ /μm ²	
Vvv	0.1827	μm ³ /μm ²	



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

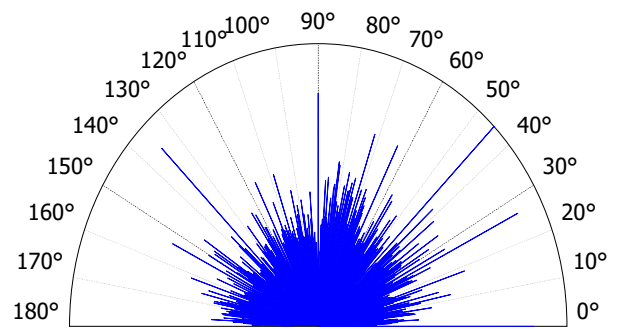
9. Furrow analysis on surface #7



All furrows are shown.

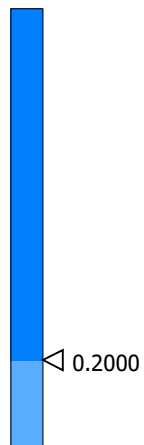
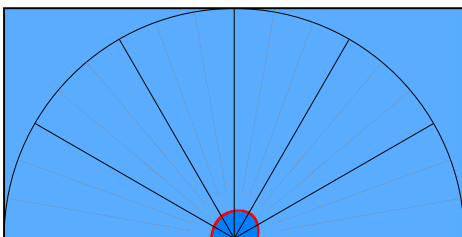
Parameters	Value	Unit
Maximum depth of furrows	5585	nm
Mean depth of furrows	1742	nm
Mean density of furrows	2558	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	45.01	°
Second direction	26.45	°
Third direction	135.0	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Isotropy	79.36	%

12. SSFA on surface #7

