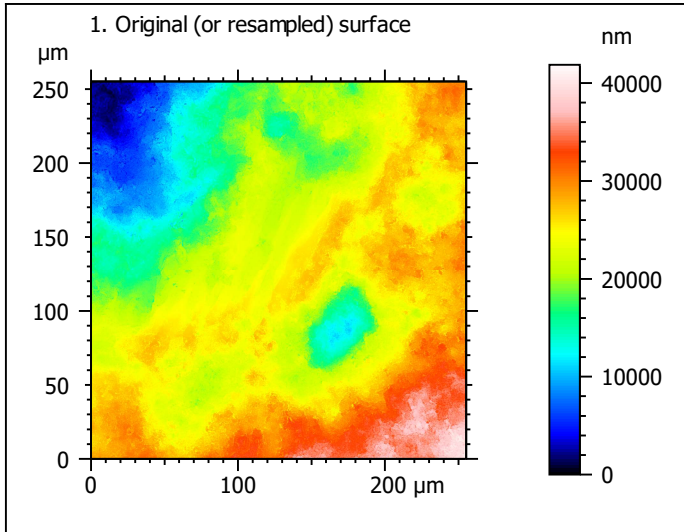


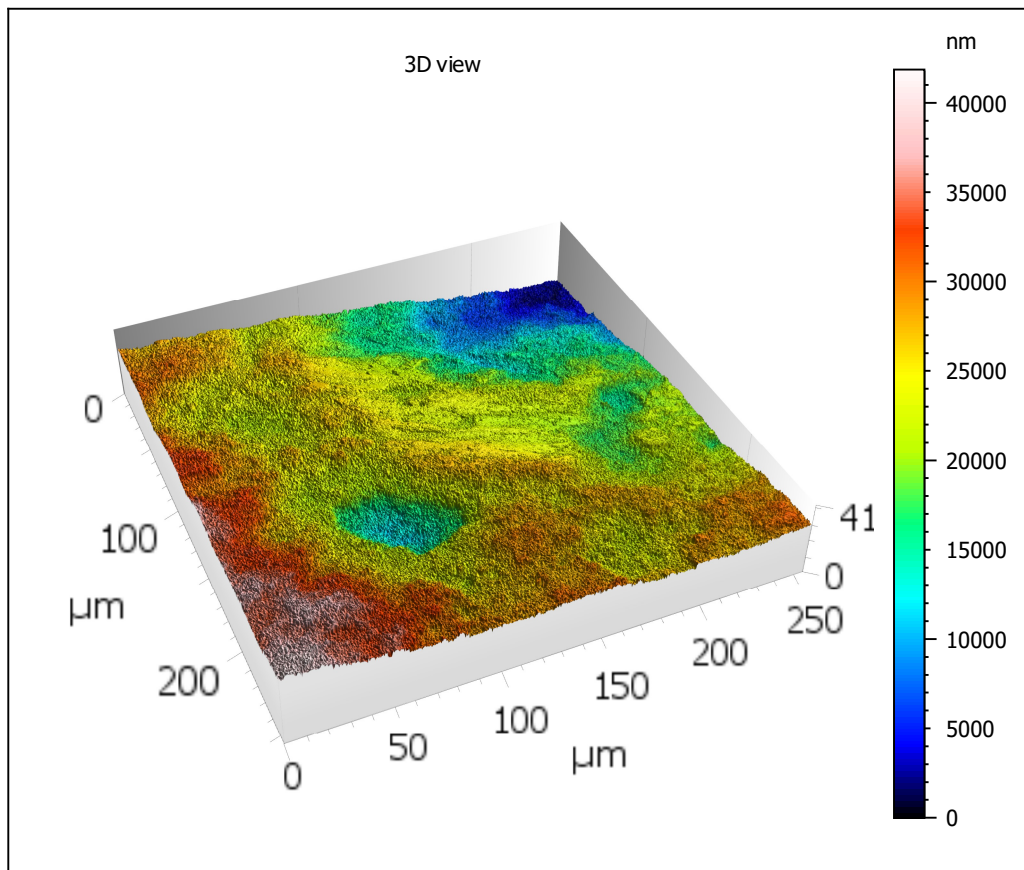
Template - Processing analysis

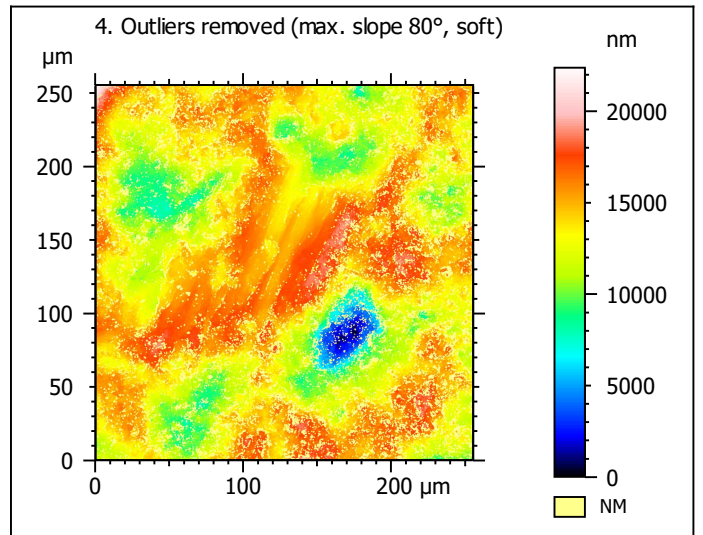
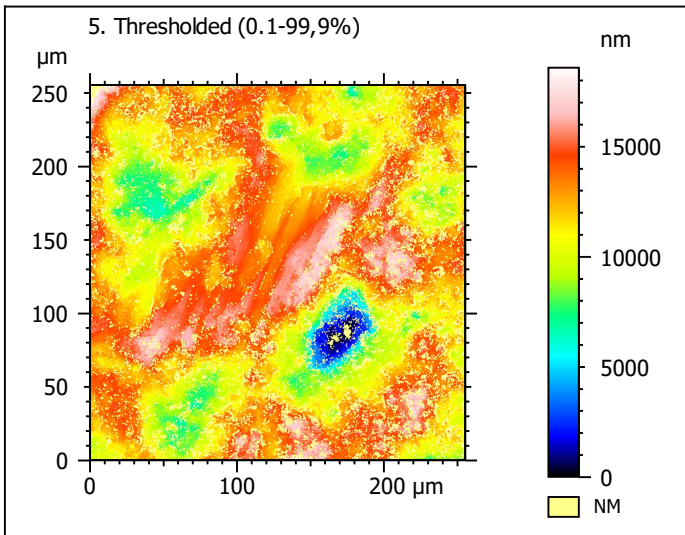
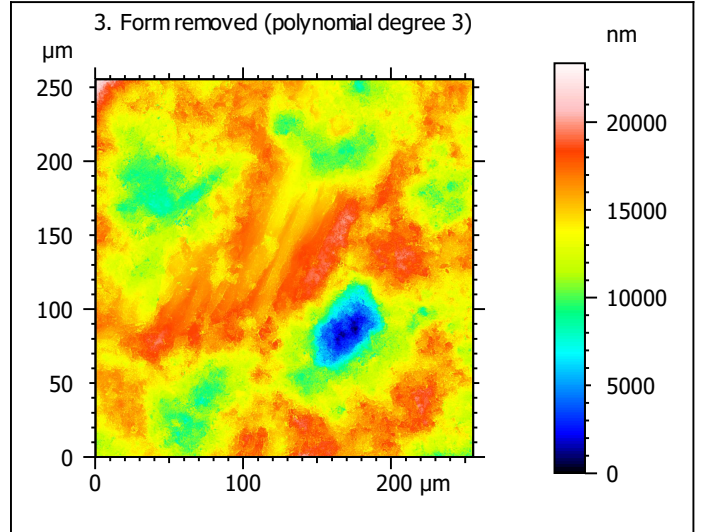
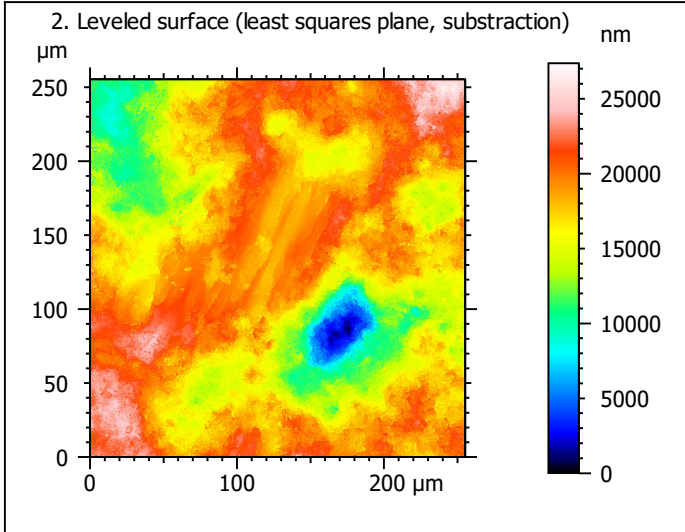
Template to process all surfaces acquired with the LSM with the 50x/0.75 and 50x/0.95 objectives.

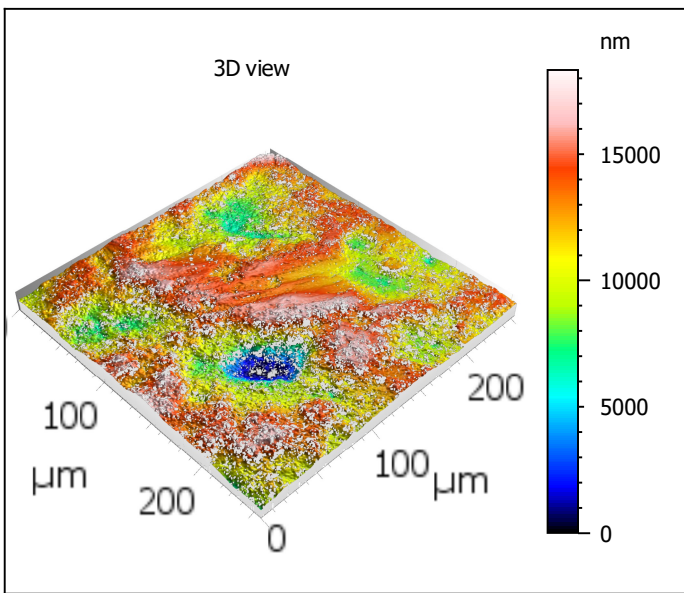
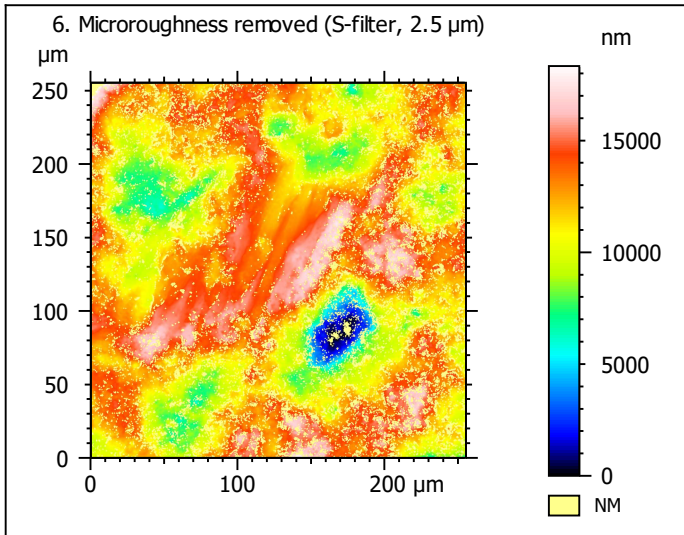
Processing



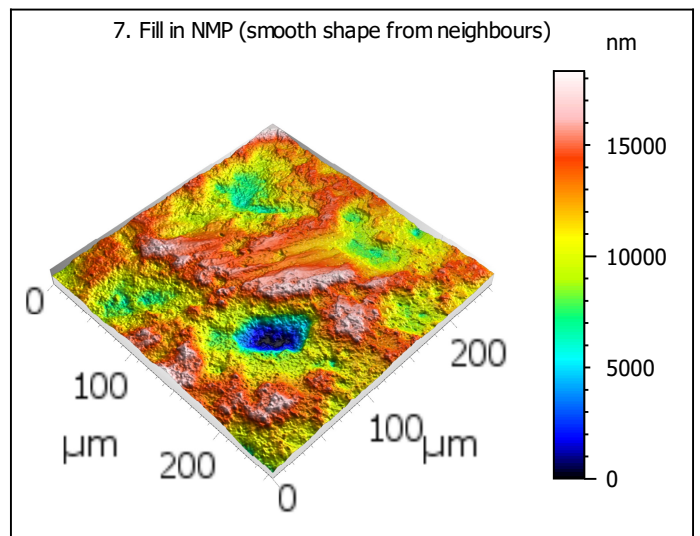
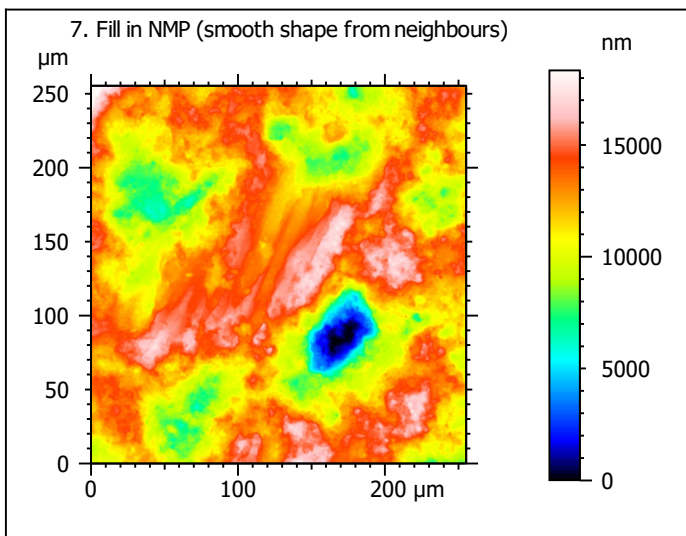
Identity card			
Name:	lime6-1_lsm_50x-0.75_20200914_surf2_Topo		
Created on:	9/14/2020 3:24:30 PM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Y		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Z		
Layer type:	Topography		
Length:	41865	nm	
Size:	65532	digits	
Spacing:	0.6389	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	lime6-1_lsm_50x-0.75...filtered (As 2.500 μm)		
File path:	C:\Users\marreiros.R...0914_surf2_Topo.sur		
Created on:	9/14/2020 3:24:30 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:	18330	nm	
Min:	-11965	nm	
Max:	6364	nm	
Size:	286917	digits	
Spacing:	0.06389	nm	
NM-points ratio:	20.03 % (210030 Pts)		

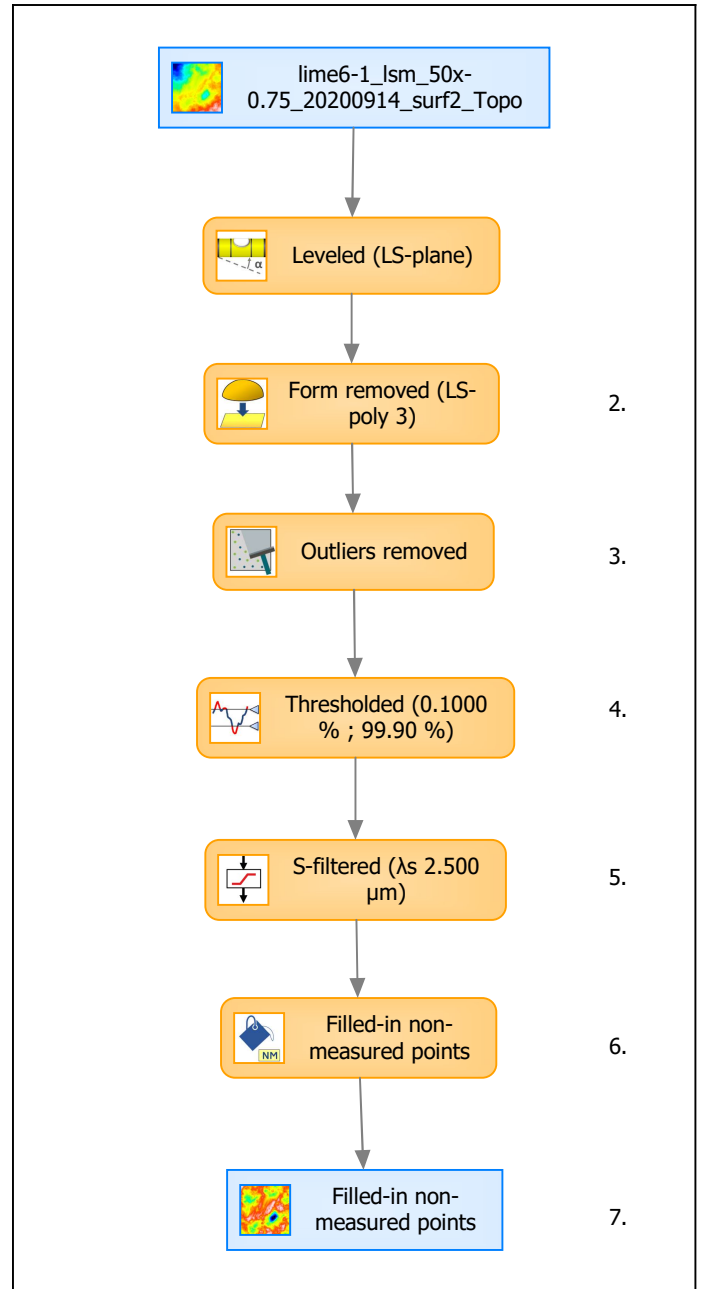


Identity card			
Name:	lime6-1_lsm_50x-0.75_...in non-measured points		
Created on:	9/14/2020 3:24:30 PM		
Studiable type:	Surface		
Axis: X			
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis: Y			
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis: Z			
Layer type:	Topography		
Length:	18330	nm	
Size:	286917	digits	
Spacing:	0.06389	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

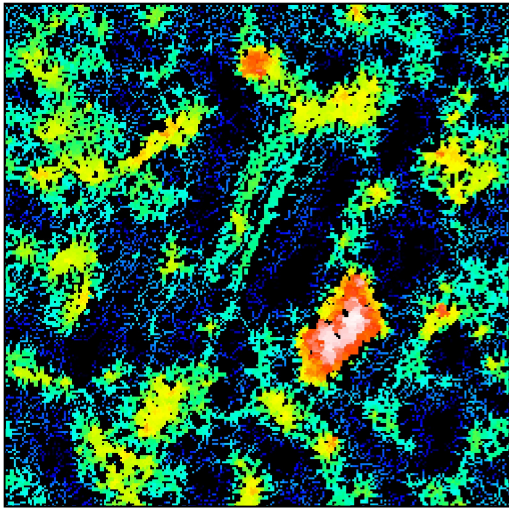
8. ISO 25178-2 parameters on surface #7

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	2674	nm	
Ssk	-0.9445		
Sku	4.888		
Sp	6323	nm	
Sv	12007	nm	
Sz	18330	nm	
Sa	2086	nm	
Functional parameters			
Smr	0.2411	%	
Smc	3066	nm	
Sxp	5968	nm	
Spatial parameters			
Sal	26.38	μm	
Str	0.5184		
Std	67.25	°	
Hybrid parameters			
Sdq	0.4674		
Sdr	9.592	%	
Functional parameters (Volume)			
Vm	0.07668	μm ³ /μm ²	
Vv	3.142	μm ³ /μm ²	
Vmp	0.07668	μm ³ /μm ²	
Vmc	2.407	μm ³ /μm ²	
Vvc	2.771	μm ³ /μm ²	
Vvv	0.3713	μm ³ /μm ²	



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

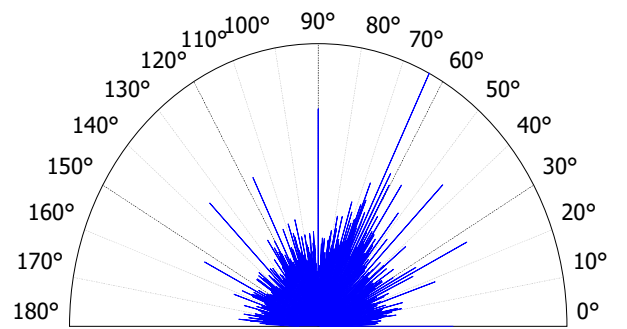
9. Furrow analysis on surface #7



All furrows are shown.

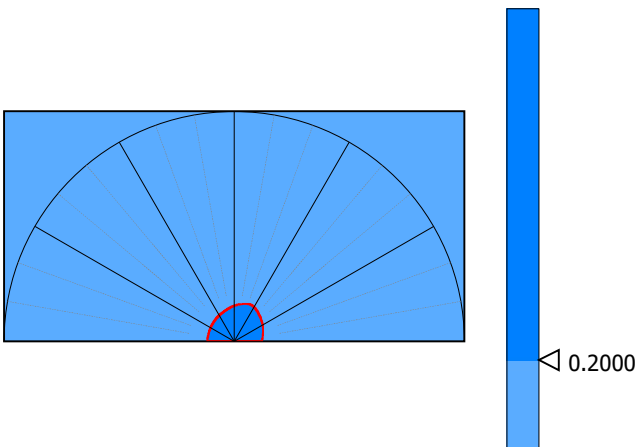
Parameters	Value	Unit
Maximum depth of furrows	8068	nm
Mean depth of furrows	2392	nm
Mean density of furrows	2583	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	63.53	°
Second direction	90.01	°
Third direction	45.00	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Isotropy	66.88	%

12. SSFA on surface #7

