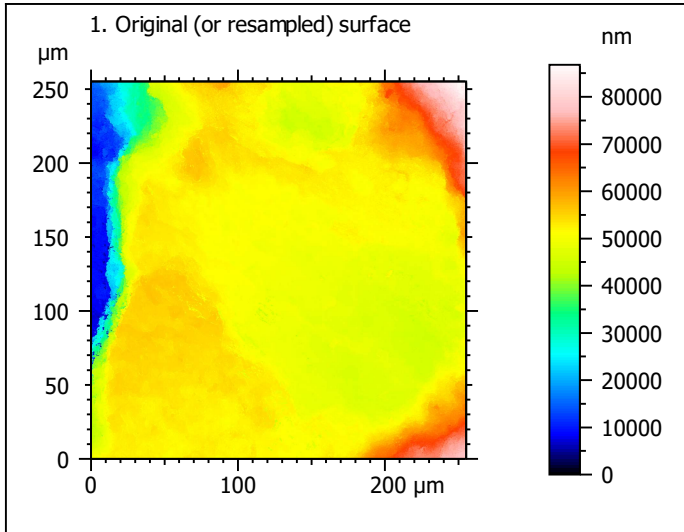


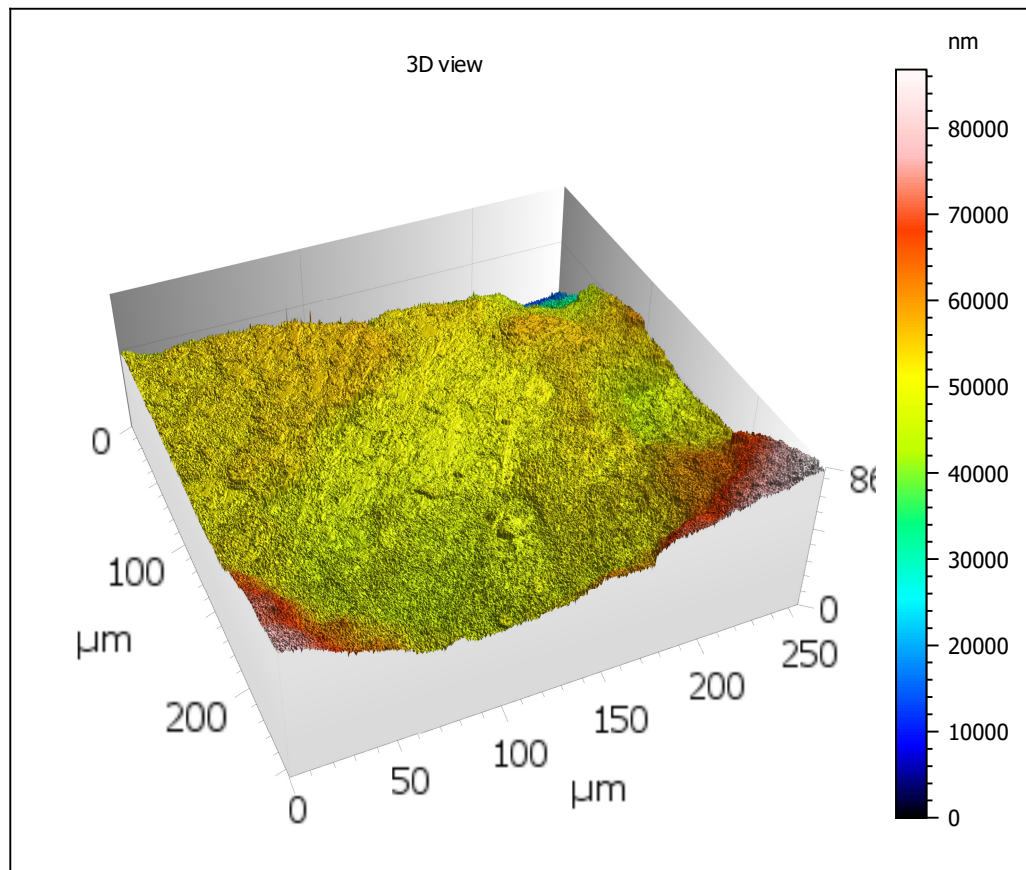
Template - Processing analysis

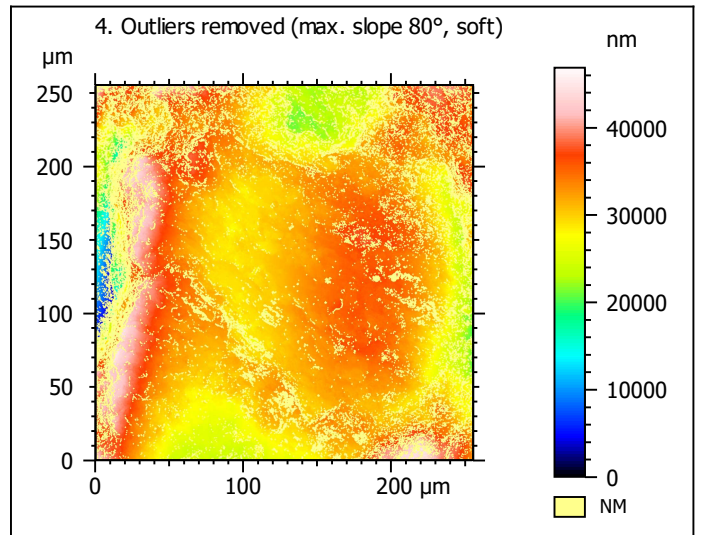
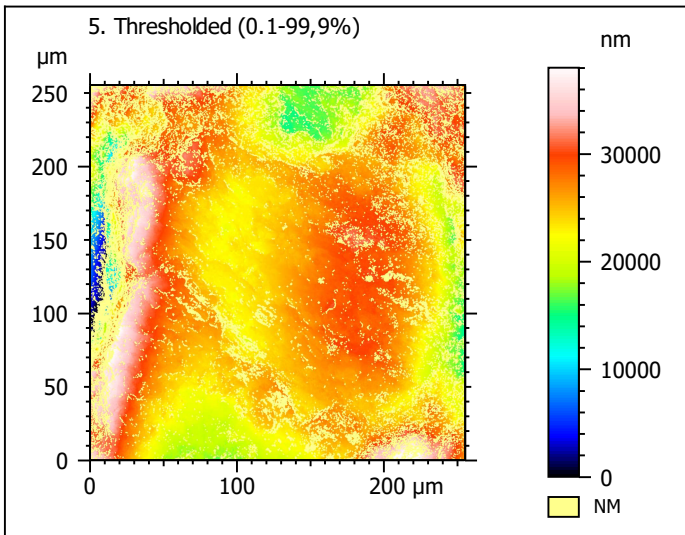
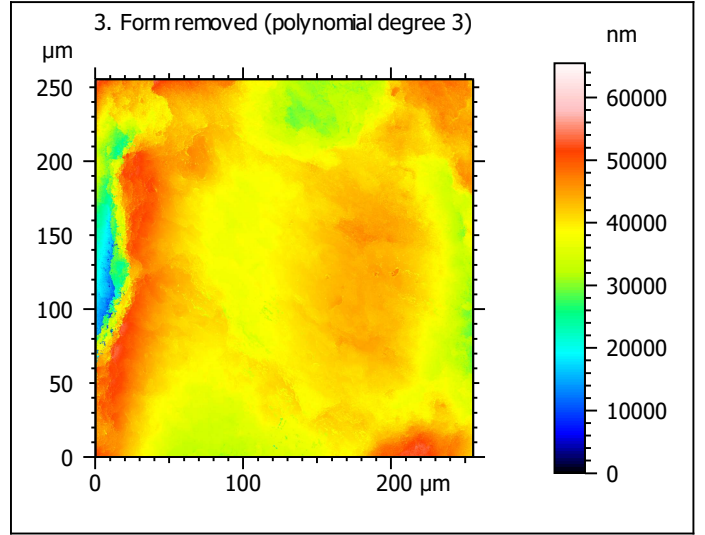
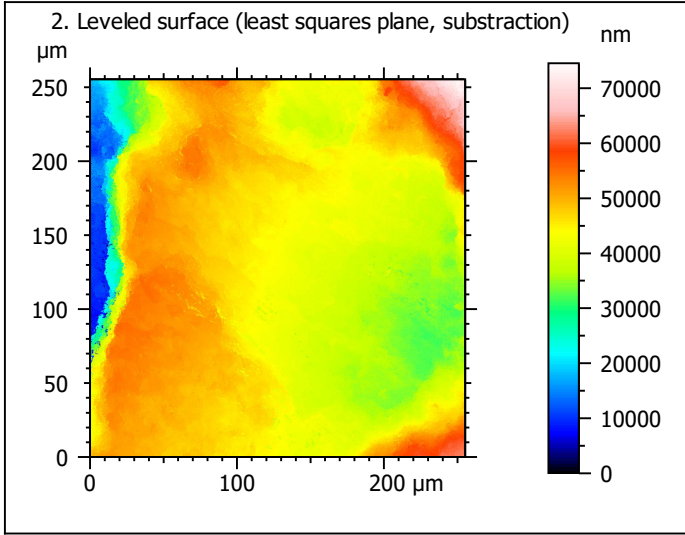
Template to process all surfaces acquired with the LSM with the 50x/0.75 and 50x/0.95 objectives.

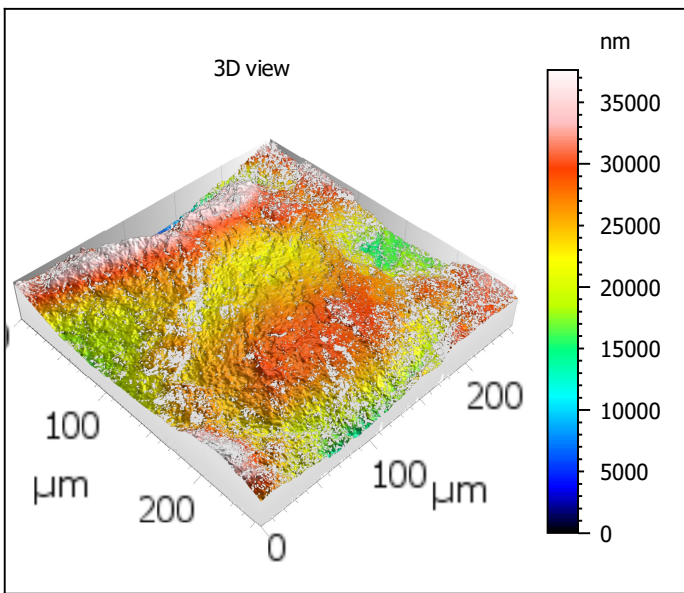
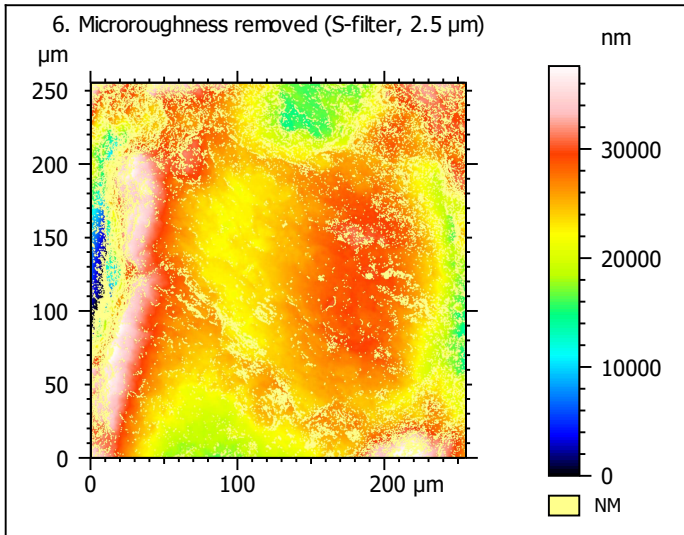
Processing



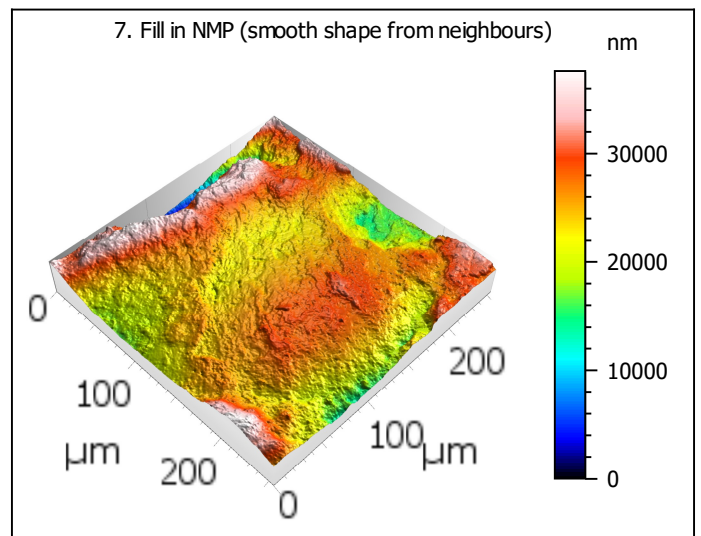
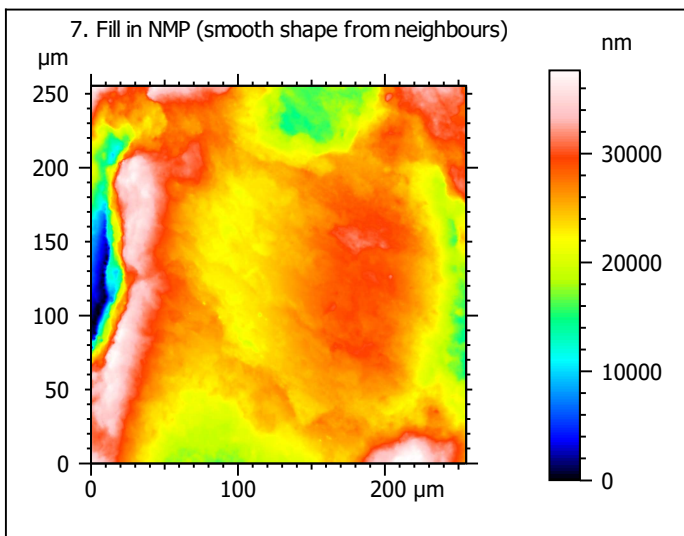
Identity card			
Name:	lime6-3_lsm_50x-0.75_20200915_surf1_Topo		
Created on:	9/15/2020 10:33:03 AM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Y		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Z		
Layer type:	Topography		
Length:	86795	nm	
Size:	65531	digits	
Spacing:	1.324	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	lime6-3_lsm_50x-0.75...filtered (As 2.500 μm)		
File path:	C:\Users\marreiros.R...0915_surf1_Topo.sur		
Created on:	9/15/2020 10:33:03 AM		
Studiabale 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:	37624	nm	
Min:	-24980	nm	
Max:	12644	nm	
Size:	284067	digits	
Spacing:	0.1324	nm	
NM-points ratio:	26.13 % (274036 Pts)		

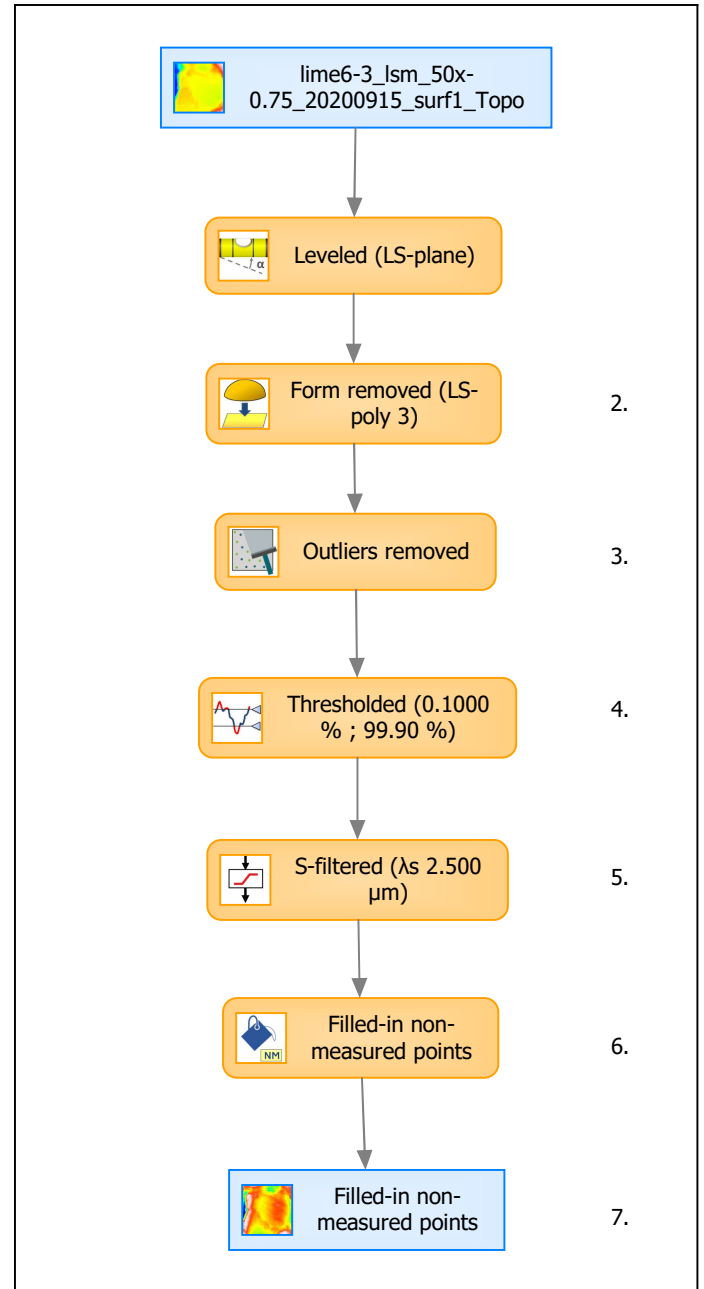


Identity card			
Name:	lime6-3_lsm_50x-0.75_...in non-measured points		
Created on:	9/15/2020 10:33:03 AM		
Studiable type:	Surface		
Axis: X			
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis: Y			
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis: Z			
Layer type:	Topography		
Length:	37624	nm	
Size:	284067	digits	
Spacing:	0.1324	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

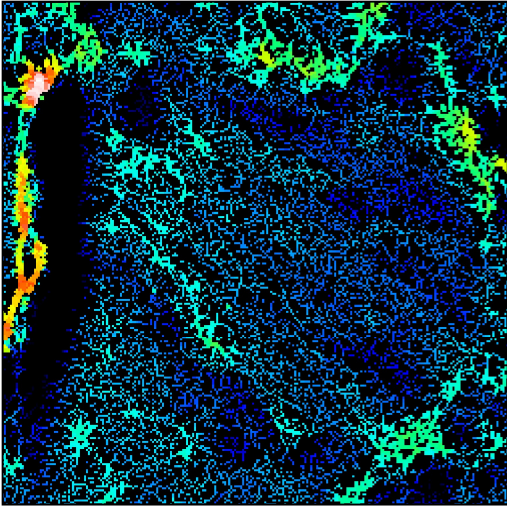
8. ISO 25178-2 parameters on surface #7

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	5074	nm	
Ssk	-0.9159		
Sku	6.044		
Sp	12511	nm	
Sv	25113	nm	
Sz	37624	nm	
Sa	3691	nm	
Functional parameters			
Smr	0.4115	%	
Smc	5797	nm	
Sxp	10651	nm	
Spatial parameters			
Sal	21.83	μm	
Str	0.3183		
Std	137.7	°	
Hybrid parameters			
Sdq	0.6815		
Sdr	14.51	%	
Functional parameters (Volume)			
Vm	0.2454	μm ³ /μm ²	
Vv	6.042	μm ³ /μm ²	
Vmp	0.2454	μm ³ /μm ²	
Vmc	3.626	μm ³ /μm ²	
Vvc	5.193	μm ³ /μm ²	
Vvv	0.8490	μm ³ /μm ²	



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

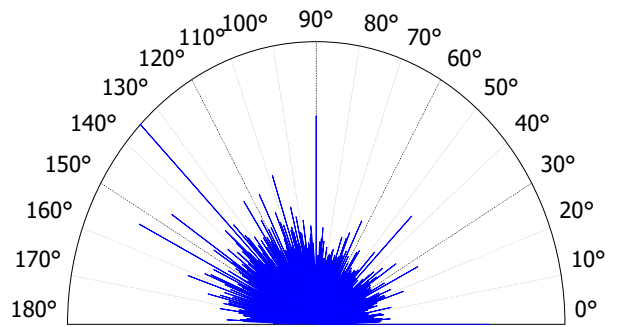
9. Furrow analysis on surface #7



All furrows are shown.

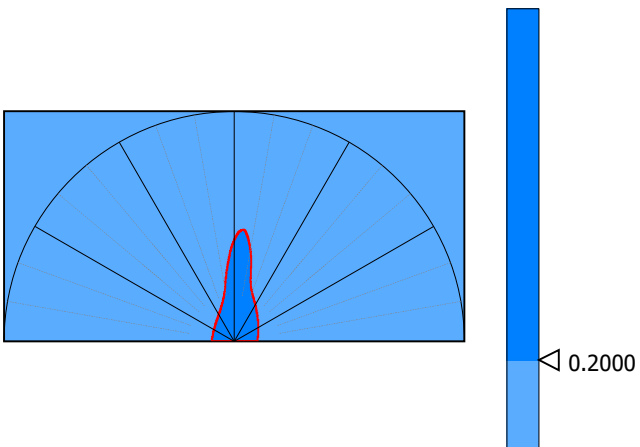
Parameters	Value	Unit
Maximum depth of furrows	15971	nm
Mean depth of furrows	3607	nm
Mean density of furrows	2467	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	135.0	°
Second direction	153.5	°
Third direction	90.03	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Isotropy	20.07	%

12. SSFA on surface #7

