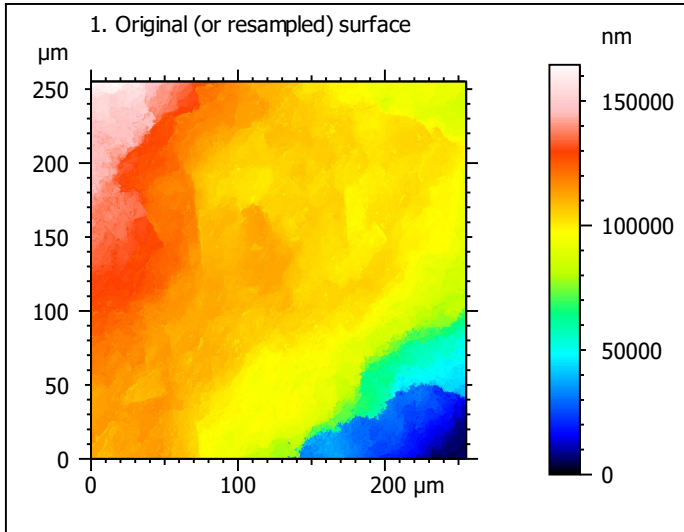


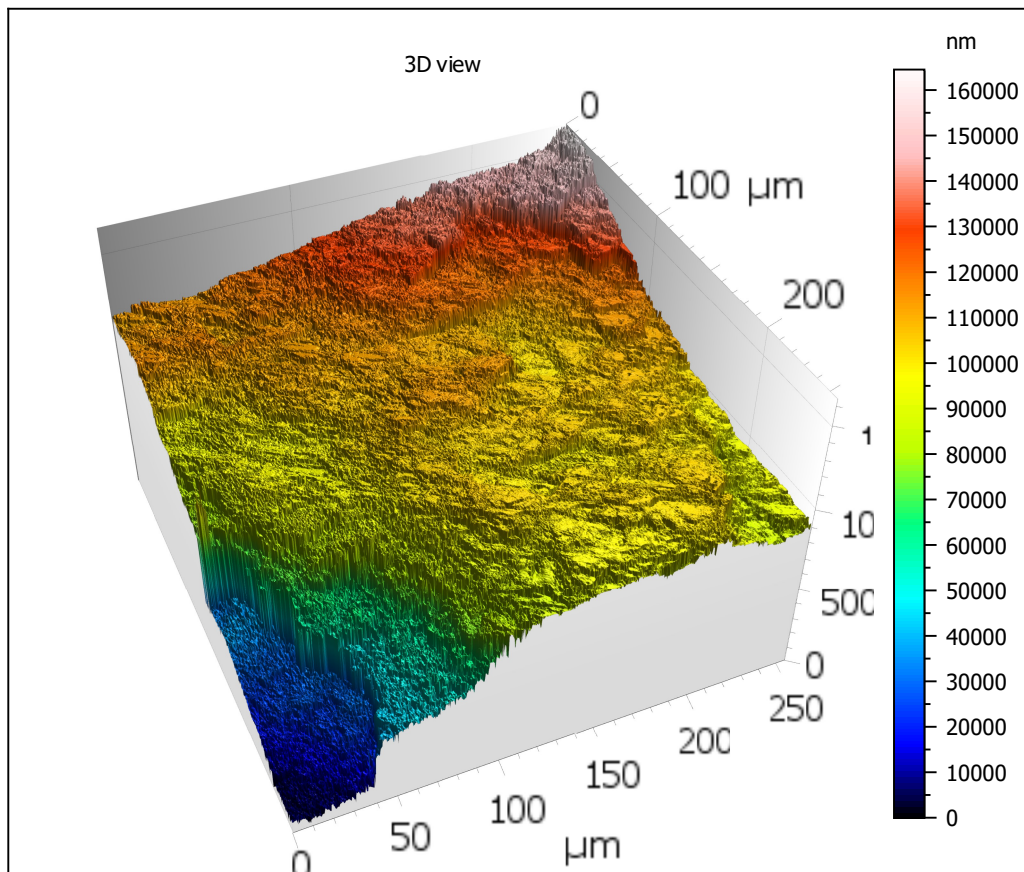
Template - Processing analysis

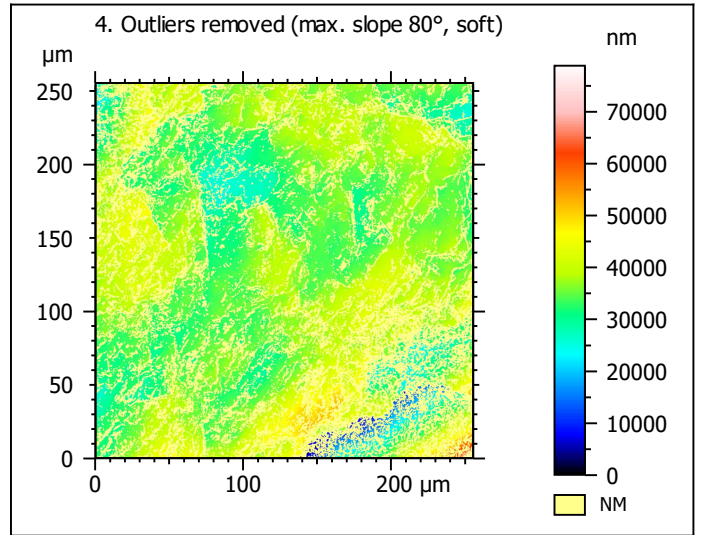
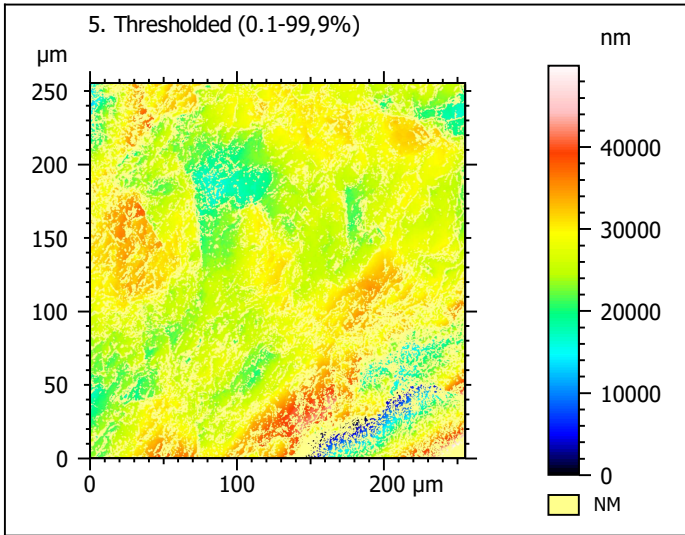
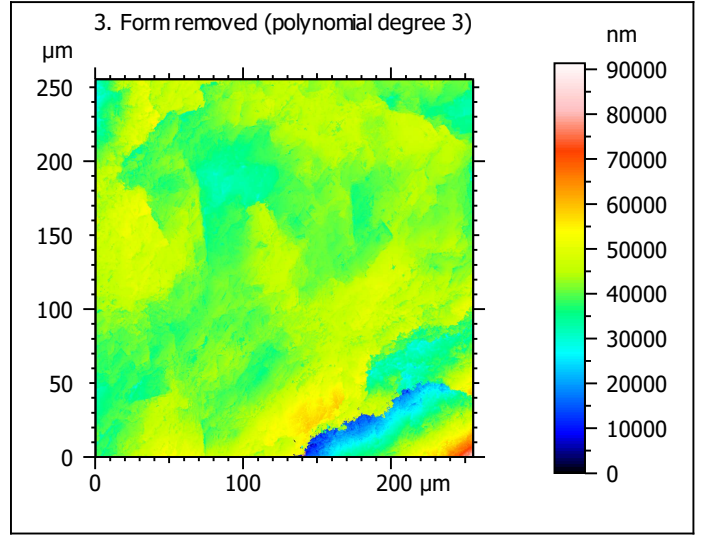
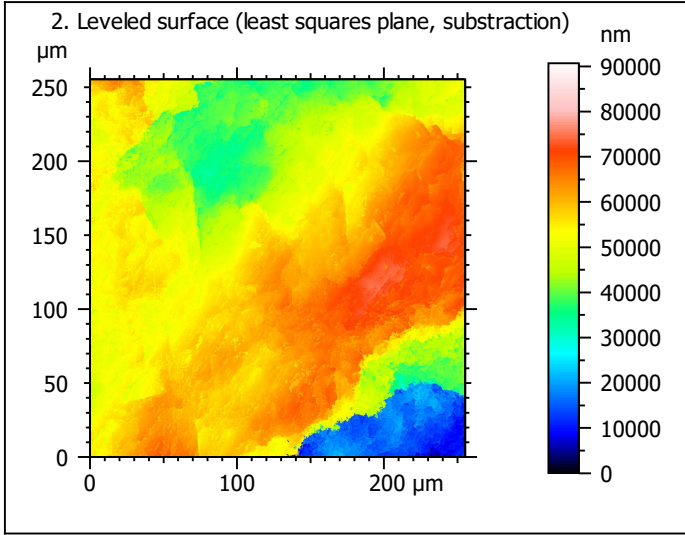
Template to process all surfaces acquired with the LSM with the 50x/0.75 and 50x/0.95 objectives.

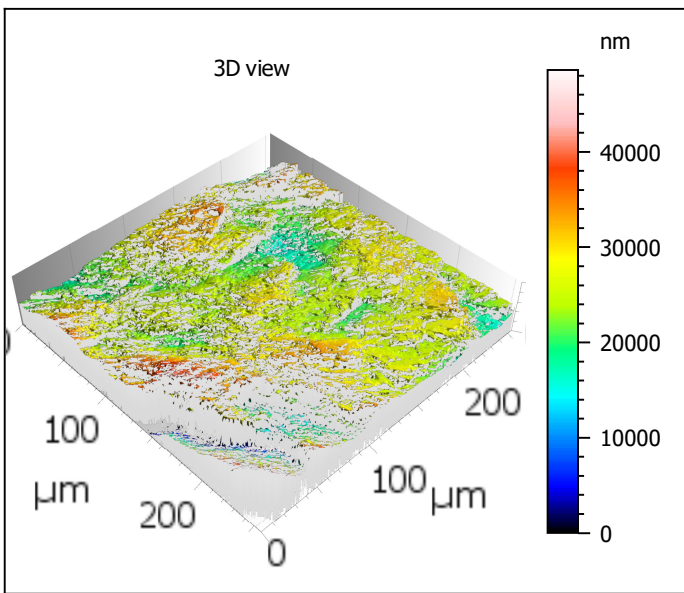
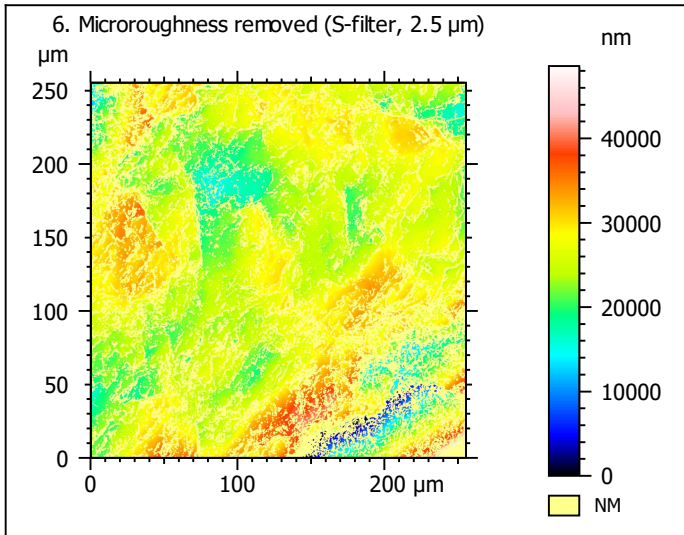
Processing



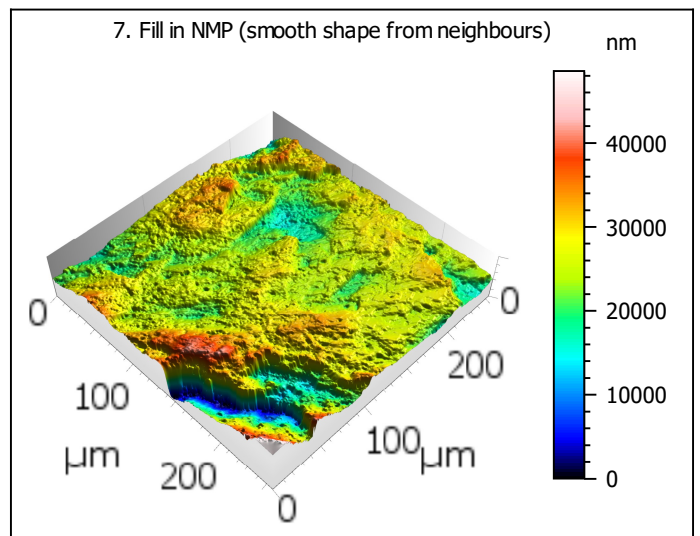
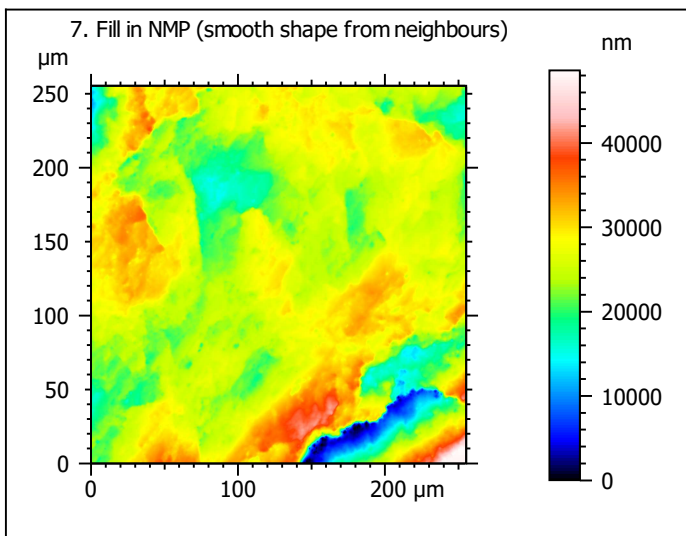
Identity card			
Name:	lime3-3_Ism_50x-0.75_20200914_surf2_Topo		
Created on:	9/14/2020 12:02:32 PM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Y		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Z		
Layer type:	Topography		
Length:	164543	nm	
Size:	65532	digits	
Spacing:	2.511	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	lime3-3_Ism_50x-0.75...filtered (As 2.500 μm)		
File path:	C:\Users\marreiros.R...0914_surf2_Topo.sur		
Created on:	9/14/2020 12:02:32 PM		
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:	48584	nm	
Min:	-25327	nm	
Max:	23257	nm	
Size:	193492	digits	
Spacing:	0.2511	nm	
NM-points ratio:	37.35 % (391652 Pts)		

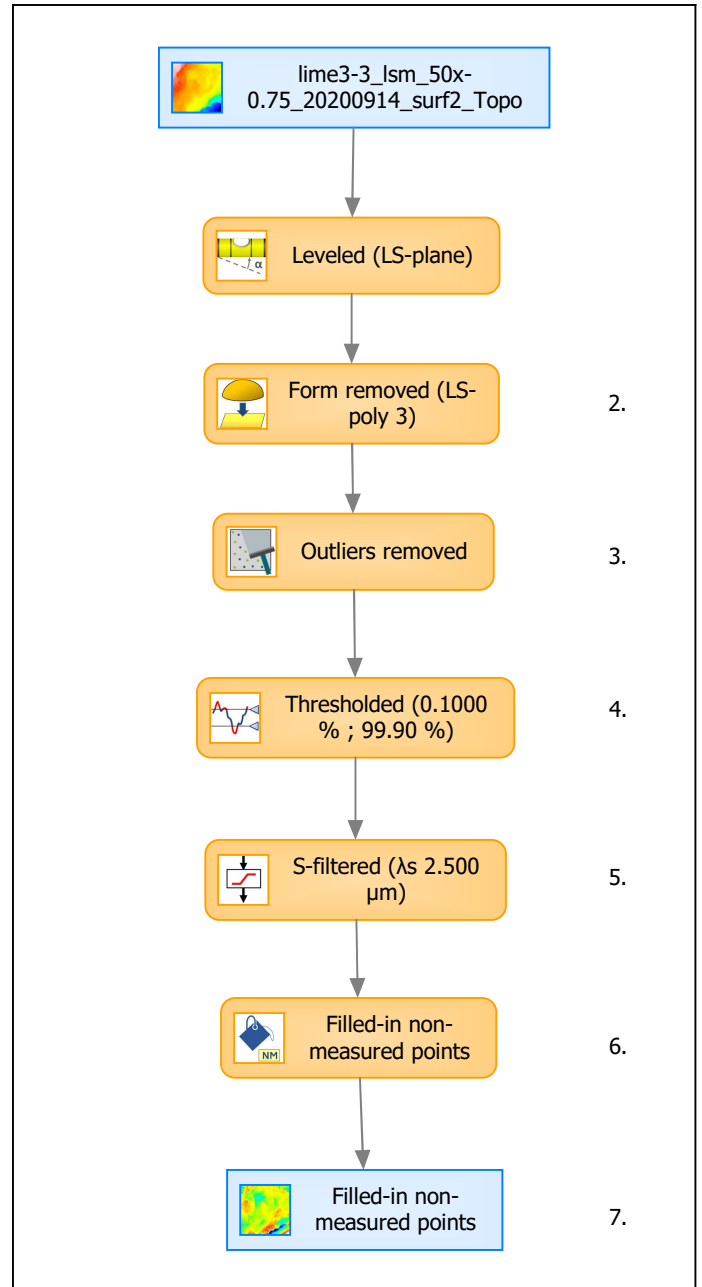


Identity card			
Name:	lime3-3_lsm_50x-0.75_...in non-measured points		
Created on:	9/14/2020 12:02:32 PM		
Studiable type:	Surface		
Axis:	X		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Y		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Z		
Layer type:	Topography		
Length:	48584	nm	
Size:	193492	digits	
Spacing:	0.2511	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

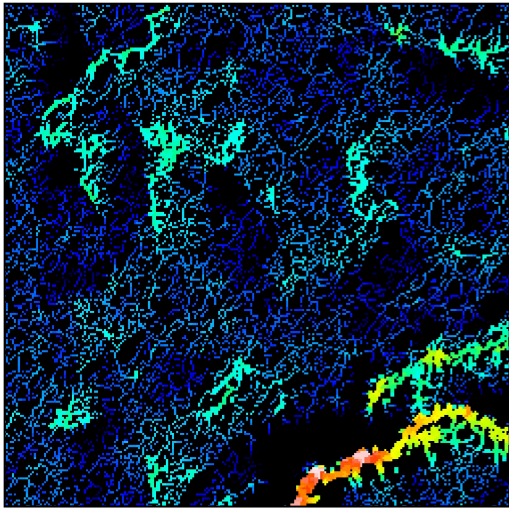
8. ISO 25178-2 parameters on surface #7

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	5348	nm	
Ssk	-0.4908		
Sku	5.974		
Sp	22999	nm	
Sv	25584	nm	
Sz	48584	nm	
Sa	3887	nm	
Functional parameters			
Smr	0.1802	%	
Smc	5799	nm	
Sxp	11654	nm	
Spatial parameters			
Sal	18.68	μm	
Str	0.4682		
Std	50.99	°	
Hybrid parameters			
Sdq	1.126		
Sdr	31.23	%	
Functional parameters (Volume)			
Vm	0.3133	μm ³ /μm ²	
Vv	6.113	μm ³ /μm ²	
Vmp	0.3133	μm ³ /μm ²	
Vmc	3.932	μm ³ /μm ²	
Vvc	5.330	μm ³ /μm ²	
Vvv	0.7826	μm ³ /μm ²	



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

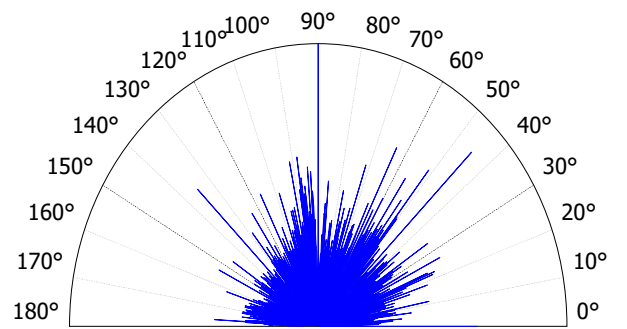
9. Furrow analysis on surface #7



All furrows are shown.

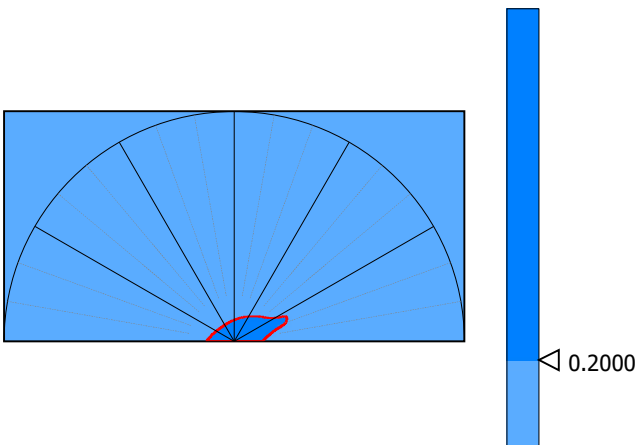
Parameters	Value	Unit
Maximum depth of furrows	25685	nm
Mean depth of furrows	5112	nm
Mean density of furrows	2286	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	90.00	°
Second direction	45.01	°
Third direction	51.19	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Isotropy	33.07	%

12. SSFA on surface #7

