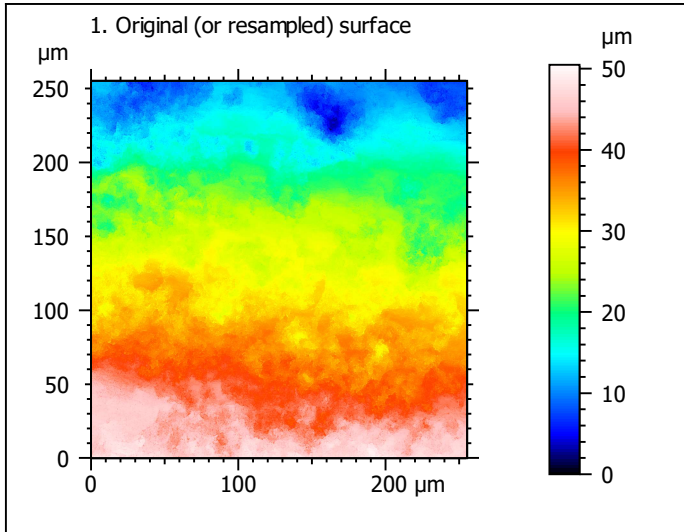


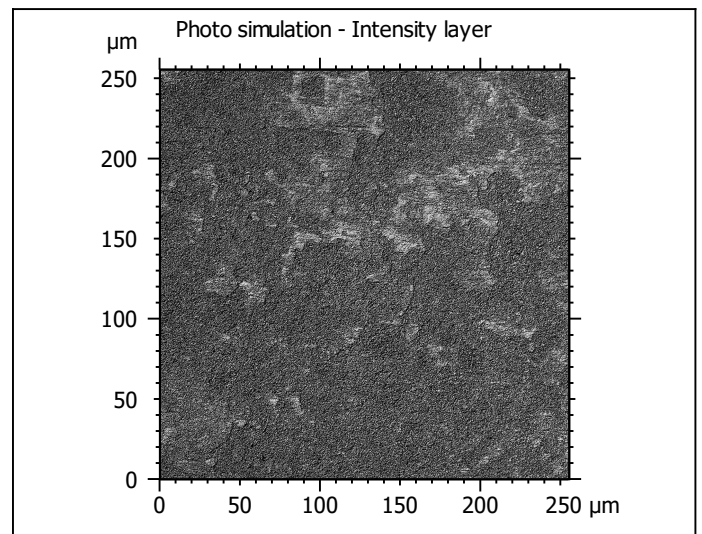
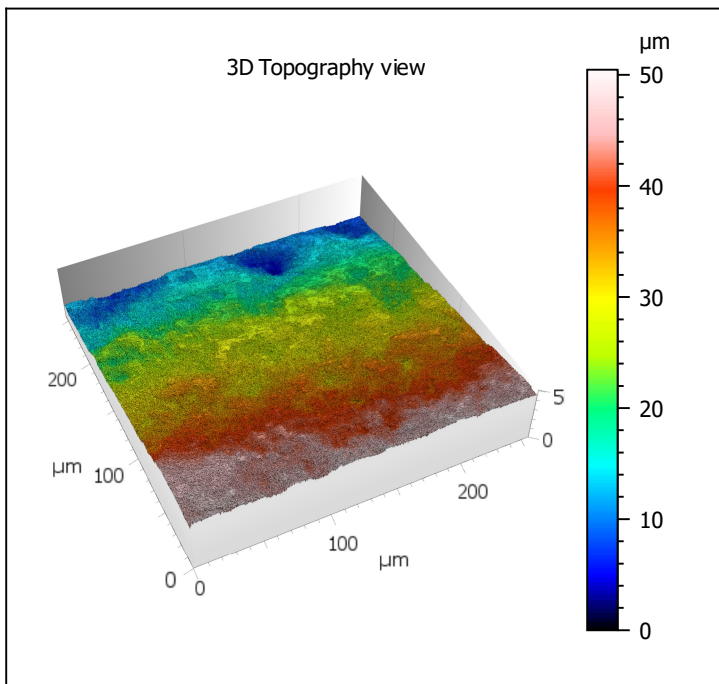
Template - Processing analysis

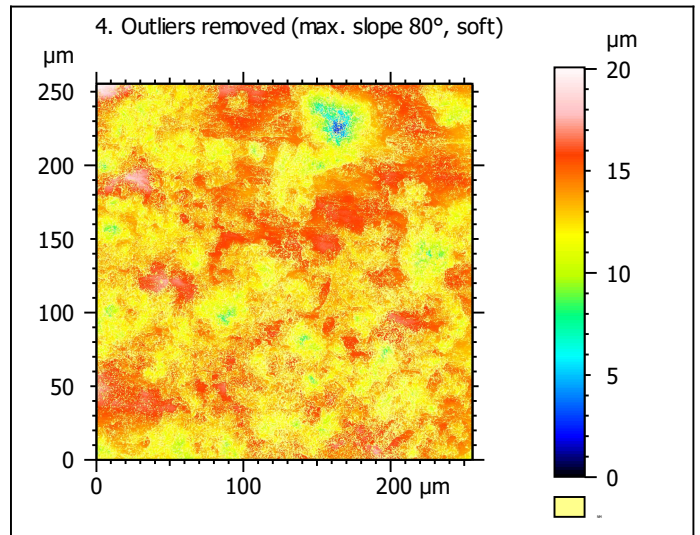
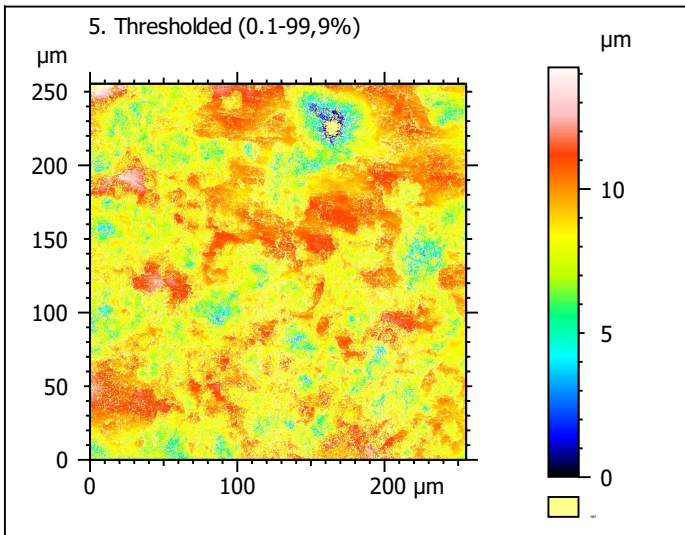
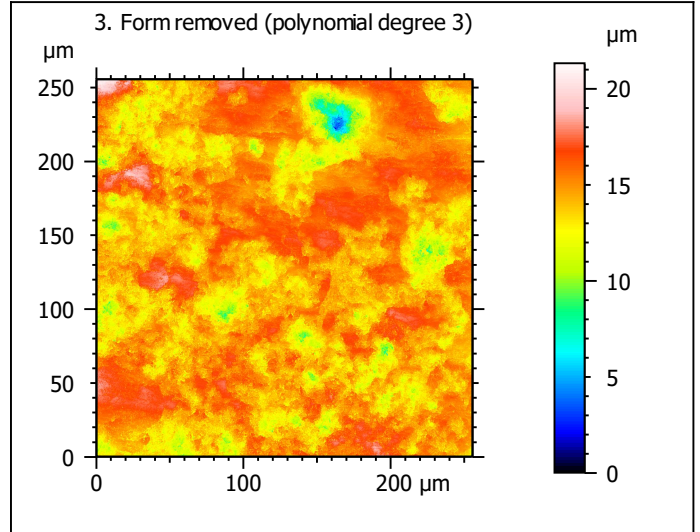
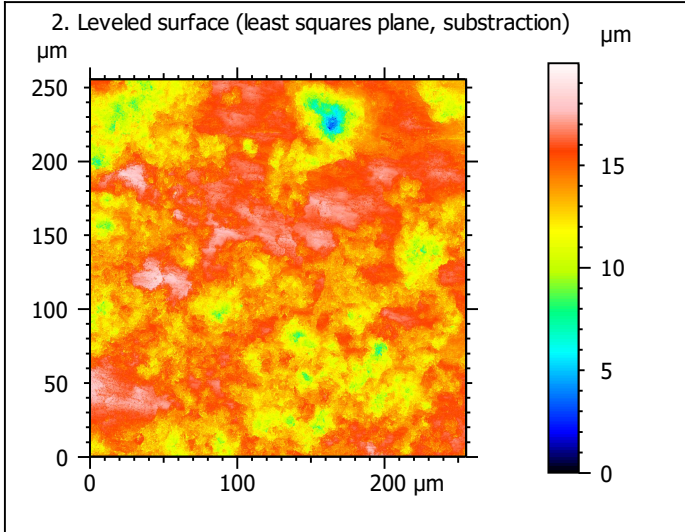
Template to process all surfaces acquired with the Zeiss LSM 800 with the 50x/0.75 objective.

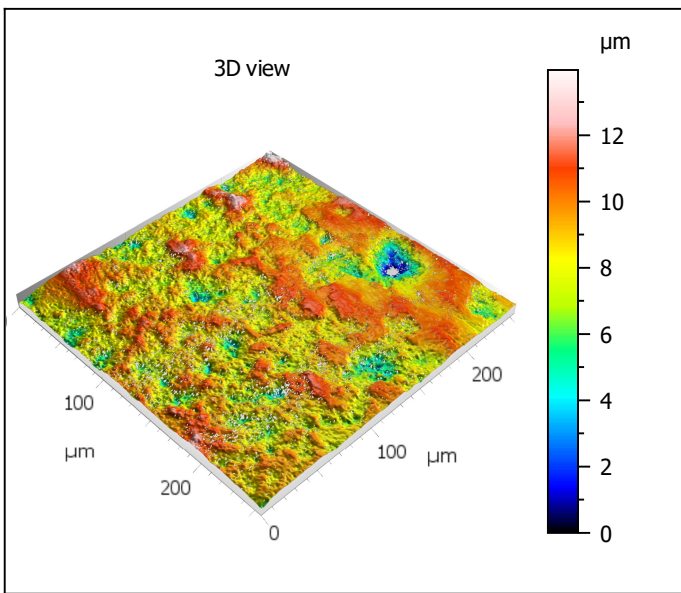
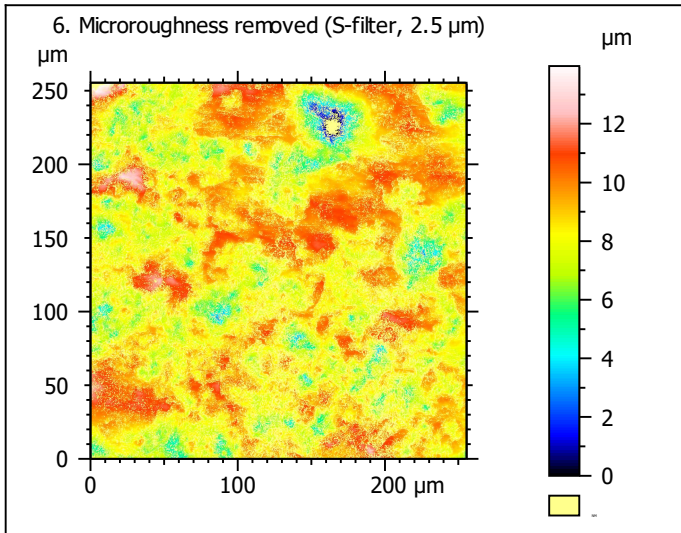
Processing



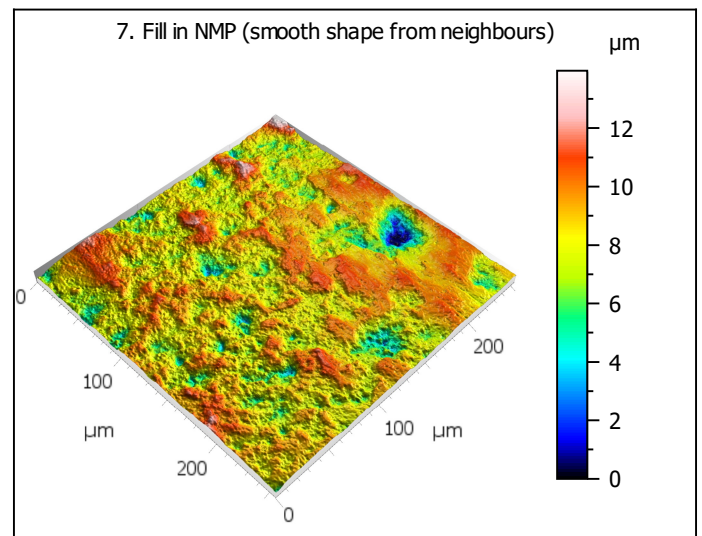
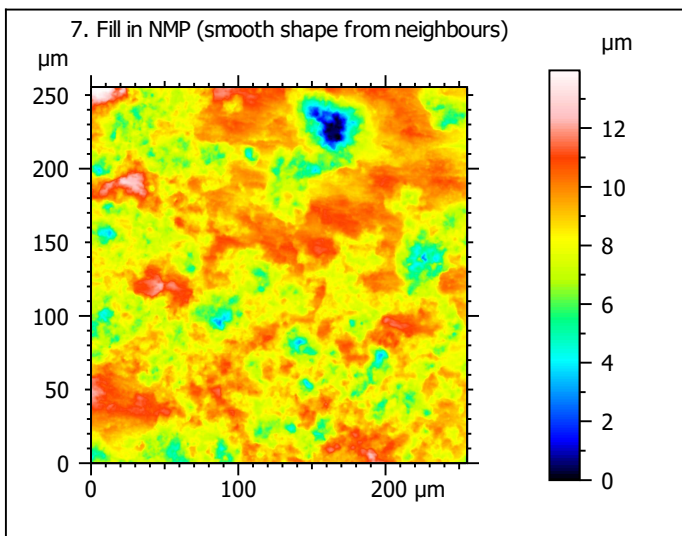
Identity card			
Name:	Lime3-8_LSM_50x075_surface1_Topo		
Created on:	3/10/2020 11:06:51 AM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.5	µm	
Size:	3000	points	
Spacing:	85.19	nm	
Axis:	Y		
Length:	255.5	µm	
Size:	3000	points	
Spacing:	85.19	nm	
Axis:	Z		
Layer type:	Topography		
Length:	50.49	µm	
Size:	65532	digits	
Spacing:	0.7705	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	Lime3-8_LSM_50x075...filtered (λ_s 2.500 μm)		
File path:	D:\Lime3-8_LSM_50x075_surface1_Topo.sur		
Created on:	3/10/2020 11:06:51 AM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	85.19	nm	
Offset:	0.000	μm	
Axis:	Y		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	85.19	nm	
Offset:	-255.5	μm	
Axis:	Z		
Layer type:	Topography		
Length:	13.97	μm	
Min:	-8.327	μm	
Max:	5.639	μm	
Size:	181249	digits	
Spacing:	0.07705	nm	
NM-points ratio:	46.50 % (4185322 Pts)		

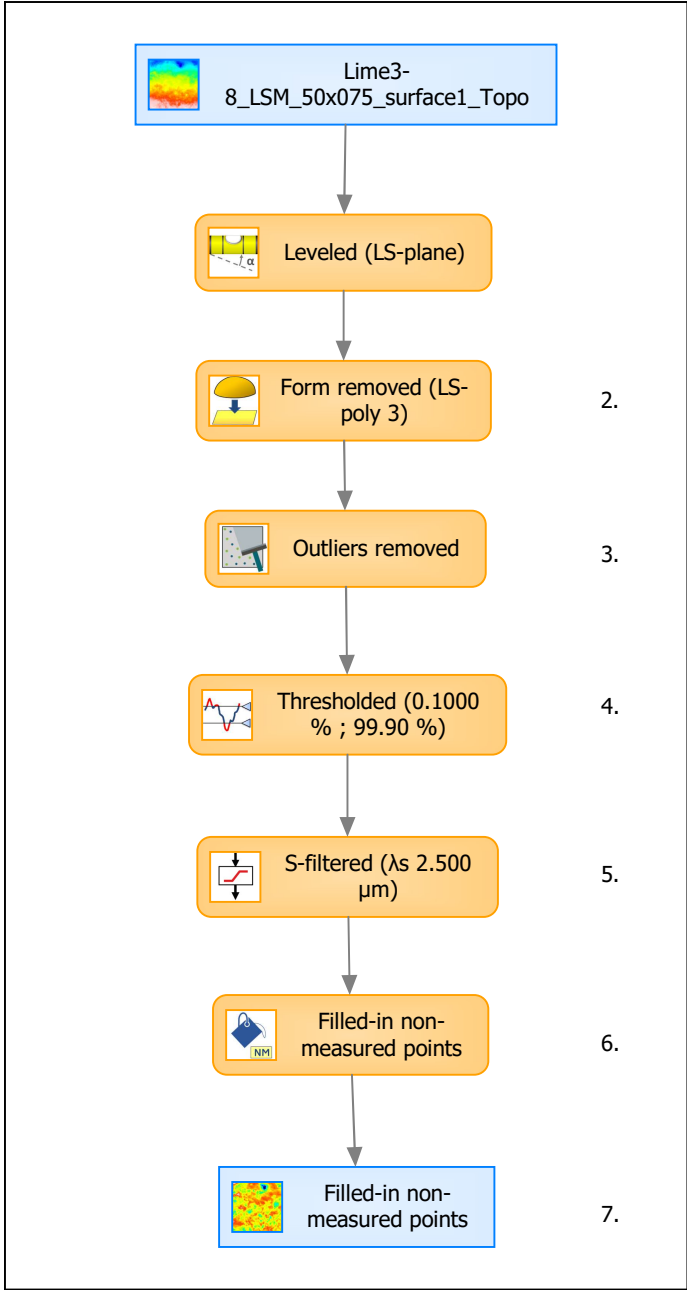


Identity card			
Name:	Lime3-8_LSM_50x075_s...in non-measured points		
Created on:	3/10/2020 11:06:51 AM		
Studiable type:	Surface		
Axis:	X		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	85.19	nm	
Axis:	Y		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	85.19	nm	
Axis:	Z		
Layer type:	Topography		
Length:	13.97	μm	
Size:	181249	digits	
Spacing:	0.07705	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

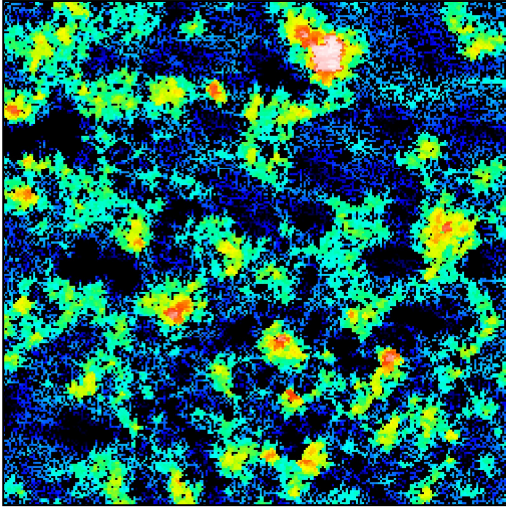
8. ISO 25178-2 parameters on surface #7

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	1.537	μm	
Ssk	-0.7253		
Sku	5.221		
Sp	5.531	μm	
Sv	8.435	μm	
Sz	13.97	μm	
Sa	1.181	μm	
Functional parameters			
Smr	0.1428	%	
Smc	1.803	μm	
Sxp	3.320	μm	
Spatial parameters			
Sal	17.57	μm	
Str	0.7492		
Std	170.0	°	
Hybrid parameters			
Sdq	0.5168		
Sdr	11.20	%	
Functional parameters (Volume)			
Vm	0.05835	μm ³ /μm ²	
Vv	1.861	μm ³ /μm ²	
Vmp	0.05835	μm ³ /μm ²	
Vmc	1.309	μm ³ /μm ²	
Vvc	1.650	μm ³ /μm ²	
Vvv	0.2113	μm ³ /μm ²	



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

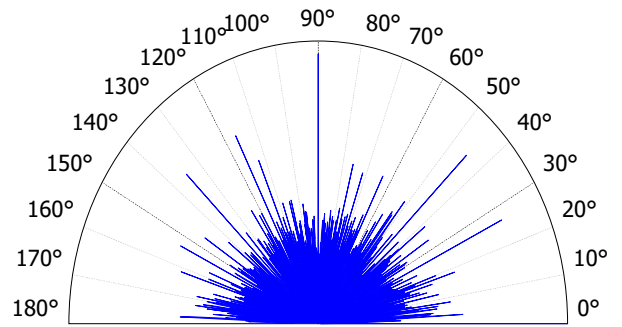
9. Furrow analysis on surface #7



All furrows are shown.

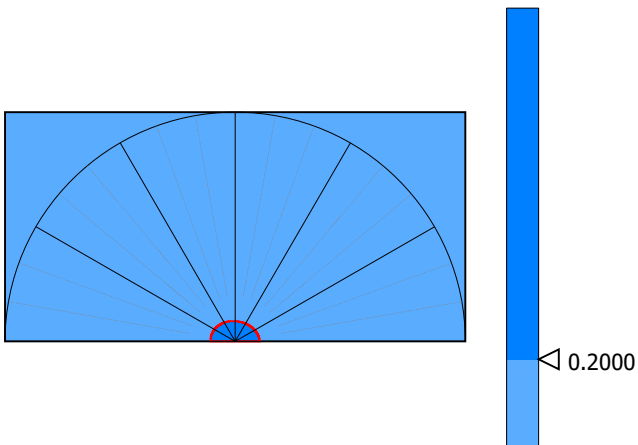
Parameters	Value	Unit
Maximum depth of furrows	7.610	µm
Mean depth of furrows	1.958	µm
Mean density of furrows	4196	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	0.02007	°
Second direction	90.01	°
Third direction	45.01	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Texture isotropy	81.21	%

12. SSFA on surface #7

