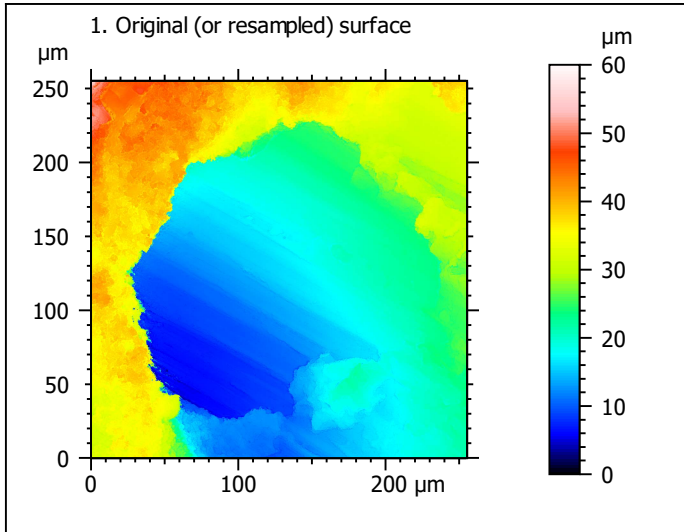


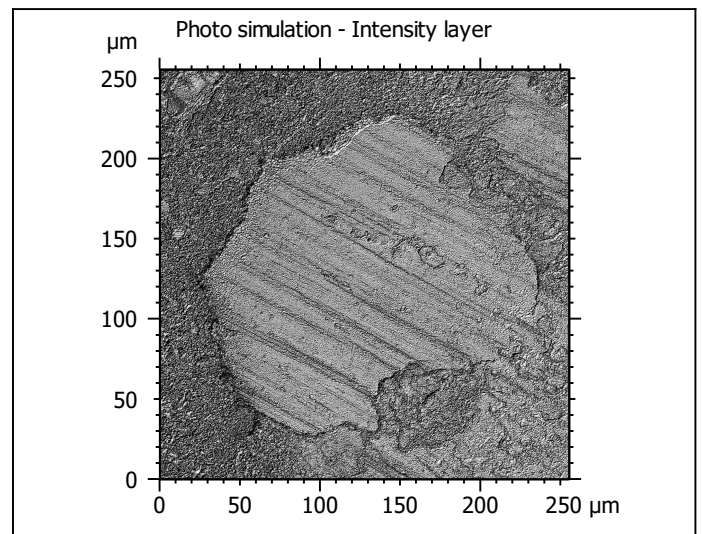
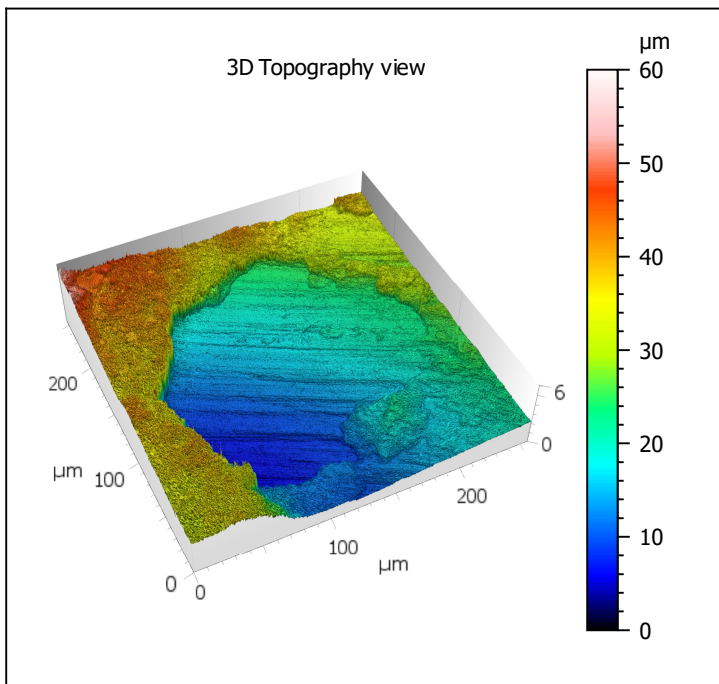
Template - Processing analysis

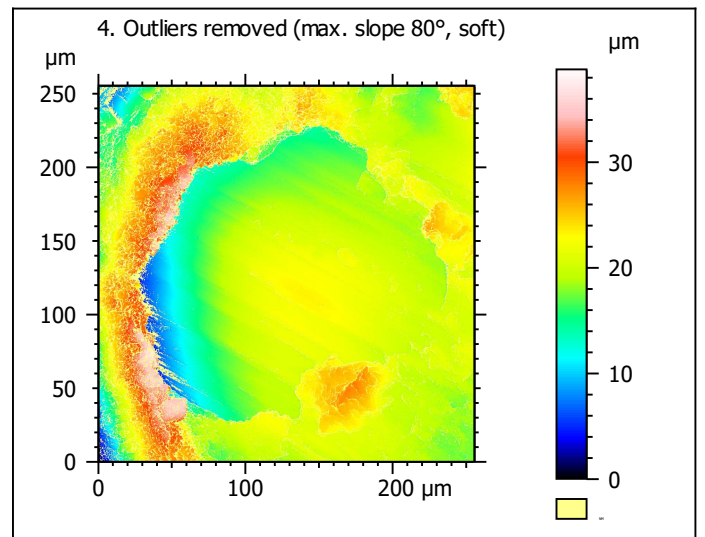
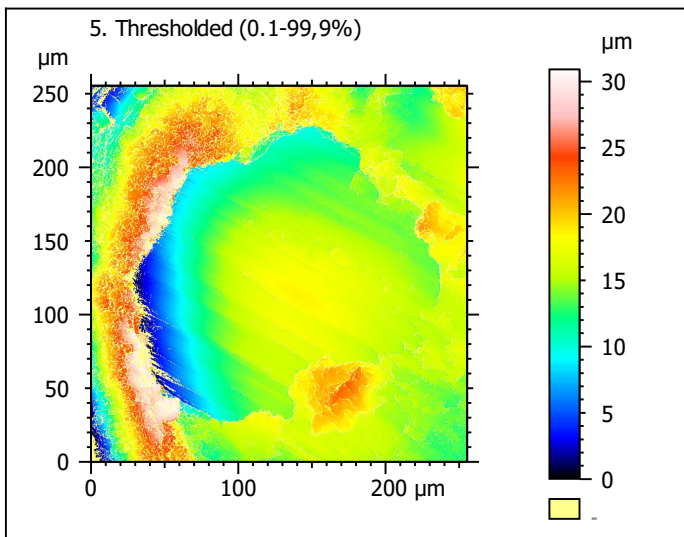
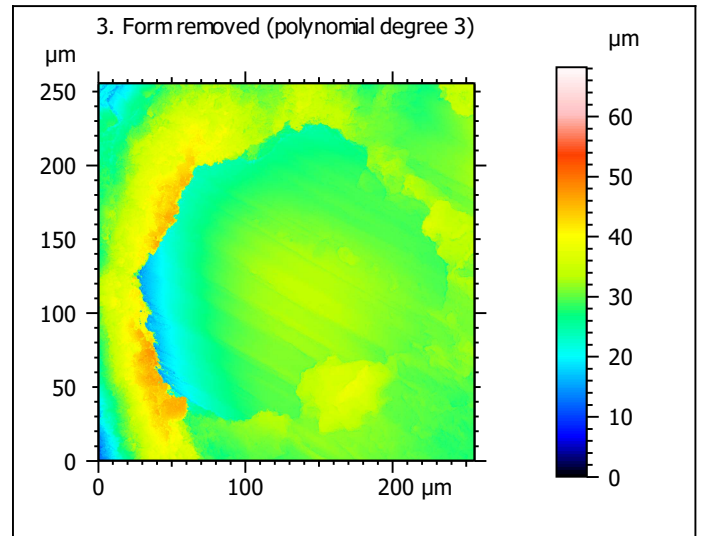
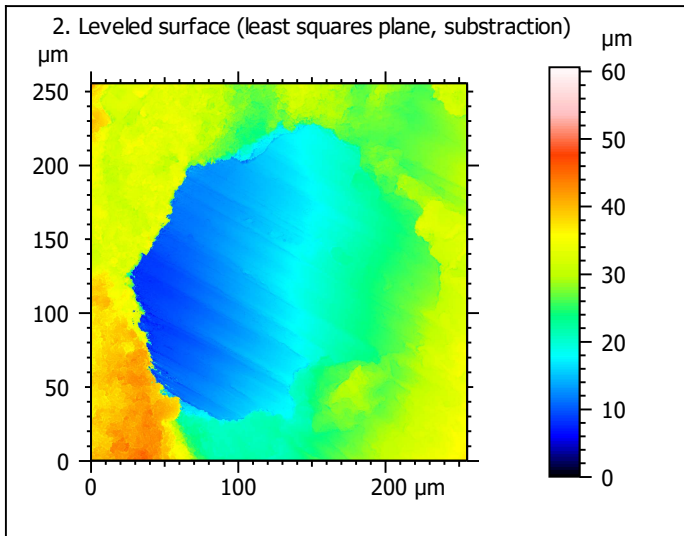
Template to process all surfaces acquired with the Zeiss LSM 800 with the 50x/0.75 objective.

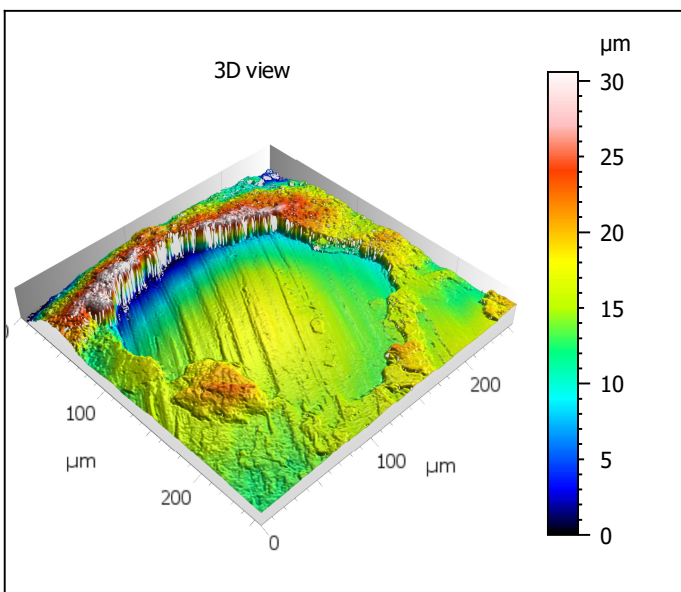
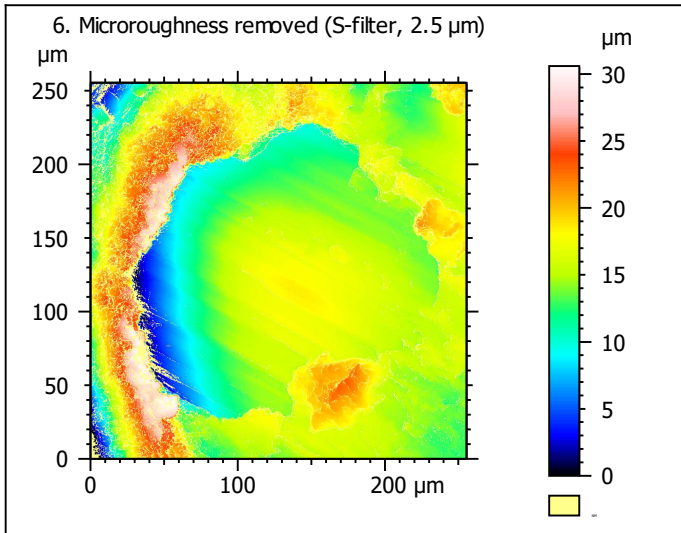
Processing



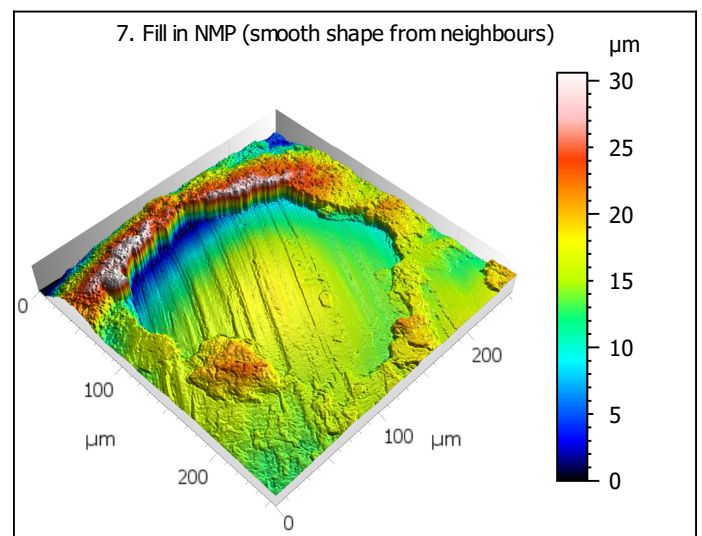
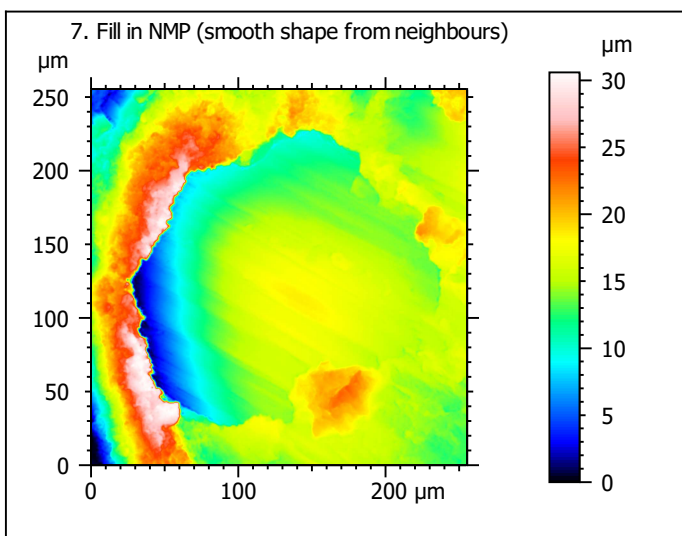
Identity card			
Name:	Lime2-5_LSM_50x075_suf2_Topo		
Created on:	6/24/2020 12:21:59 PM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.5	µm	
Size:	3000	points	
Spacing:	85.19	nm	
Axis:	Y		
Length:	255.5	µm	
Size:	3000	points	
Spacing:	85.19	nm	
Axis:	Z		
Layer type:	Topography		
Length:	60.04	µm	
Size:	65532	digits	
Spacing:	0.9162	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	Lime2-5_LSM_50x075...filtered (λ s 2.500 μm)		
File path:	D:\Dr...\Lime2-5_LSM_50x075_suf2_Topo.sur		
Created on:	6/24/2020 12:21:59 PM		
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:	30.60	μm	
Min:	-15.55	μm	
Max:	15.04	μm	
Size:	333950	digits	
Spacing:	0.09162	nm	
NM-points ratio:	15.81 % (1422908 Pts)		

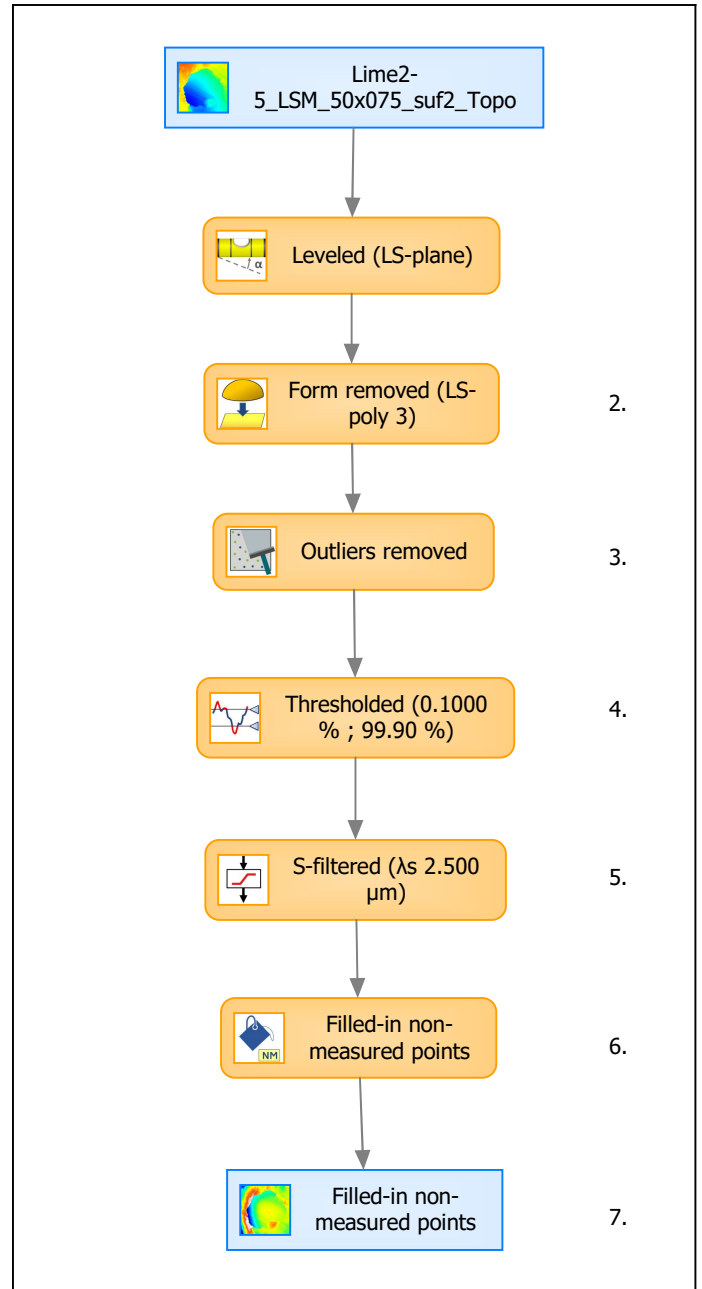


Identity card			
Name:	Lime2-5_LSM_50x075_s...in non-measured points		
Created on:	6/24/2020 12:21:59 PM		
Studiable type:	Surface		
Axis:	X		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	85.19	nm	
Axis:	Y		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	85.19	nm	
Axis:	Z		
Layer type:	Topography		
Length:	30.60	μm	
Size:	333950	digits	
Spacing:	0.09162	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

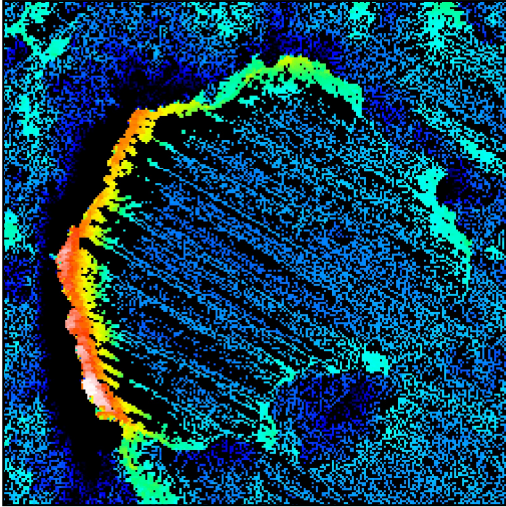
8. ISO 25178-2 parameters on surface #7

ISO 25178 - Primary surface			
<i>F: [Workflow] Form removed (LS-poly 3)</i>			
<i>S-filter (λ_s): [Workflow] S-filtered (λ_s 2.500 μm)</i>			
Height parameters			
Sq	4.619	μm	
Ssk	0.1072		
Sku	4.477		
Sp	15.02	μm	
Sv	15.58	μm	
Sz	30.60	μm	
Sa	3.244	μm	
Functional parameters			
Smr	0.4972	%	
Smc	5.691	μm	
Sxp	10.61	μm	
Spatial parameters			
Sal	18.88	μm	
Str	0.4160		
Std	65.00	$^\circ$	
Hybrid parameters			
Sdq	1.153		
Sdr	20.02	%	
Functional parameters (Volume)			
Vm	0.3378	$\mu\text{m}^3/\mu\text{m}^2$	
Vv	6.029	$\mu\text{m}^3/\mu\text{m}^2$	
Vmp	0.3378	$\mu\text{m}^3/\mu\text{m}^2$	
Vmc	3.111	$\mu\text{m}^3/\mu\text{m}^2$	
Vvc	5.335	$\mu\text{m}^3/\mu\text{m}^2$	
Vvv	0.6940	$\mu\text{m}^3/\mu\text{m}^2$	



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

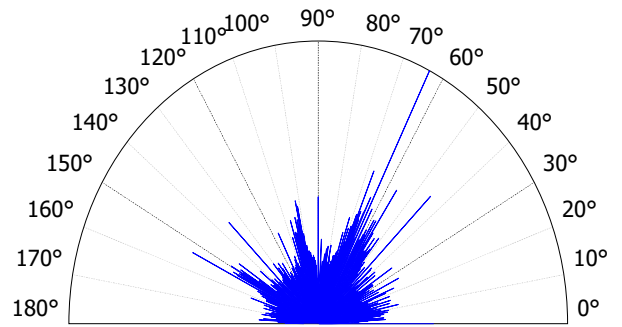
9. Furrow analysis on surface #7



All furrows are shown.

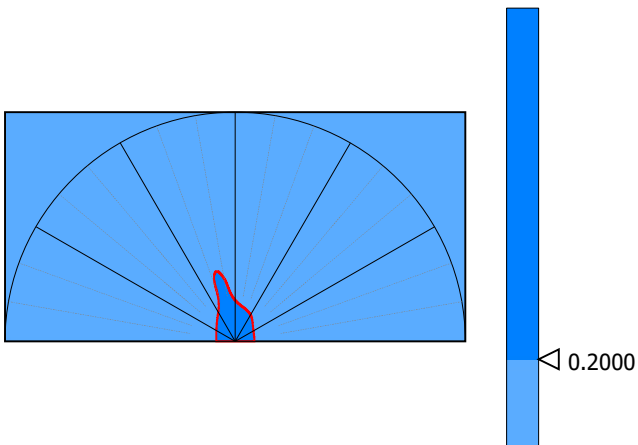
Parameters	Value	Unit
Maximum depth of furrows	20.63	µm
Mean depth of furrows	4.630	µm
Mean density of furrows	3830	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	63.57	°
Second direction	45.04	°
Third direction	56.22	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Texture isotropy	26.24	%

12. SSFA on surface #7

