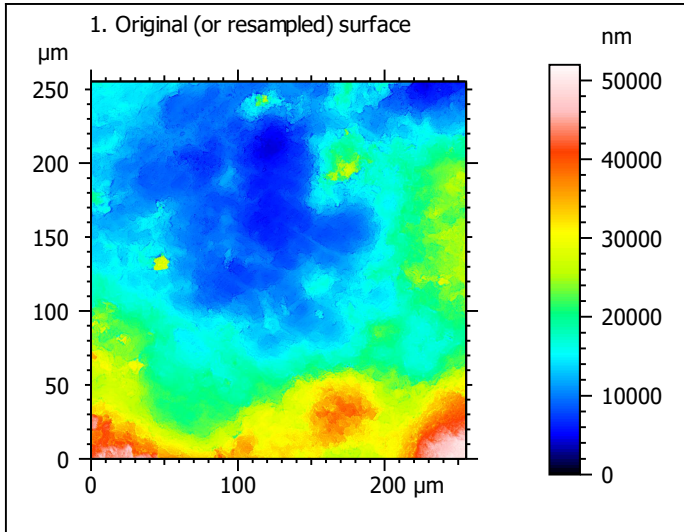


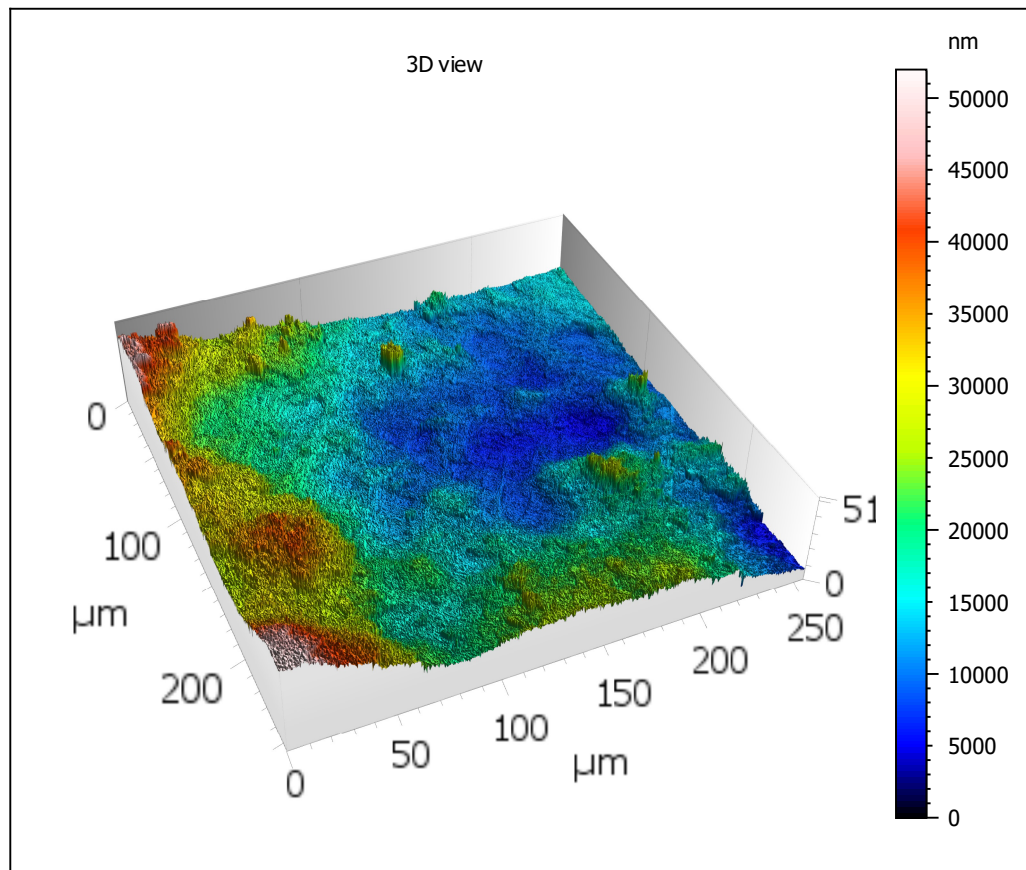
### Template - Processing analysis

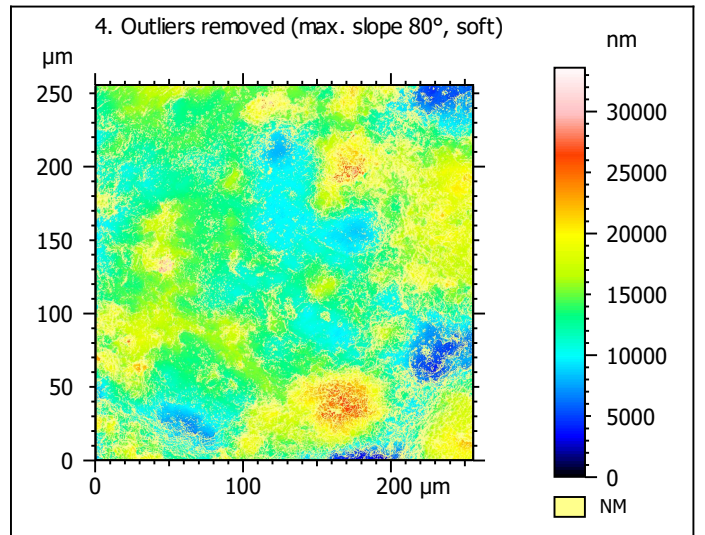
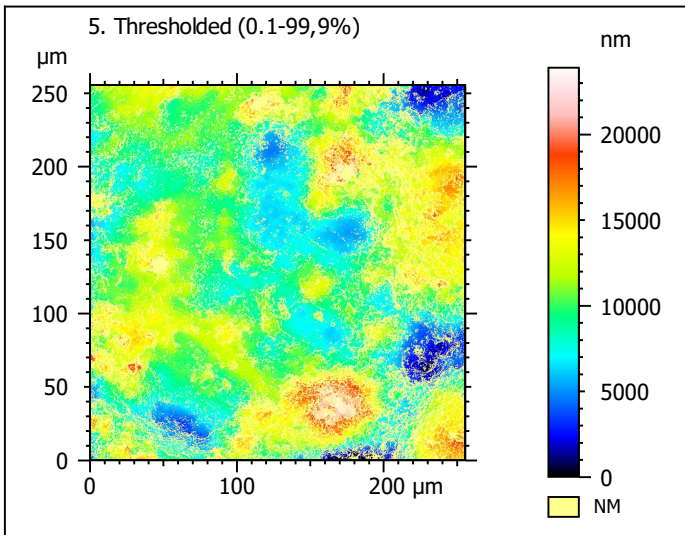
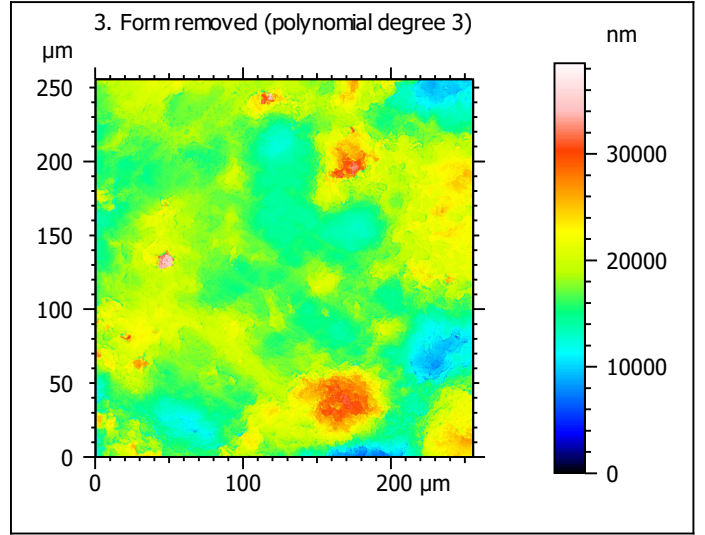
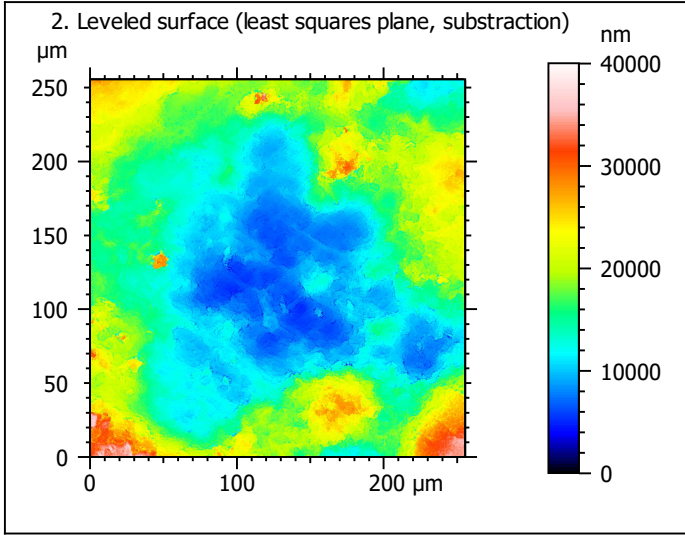
Template to process all surfaces acquired with the LSM with the 50x/0.75 and 50x/0.95 objectives.

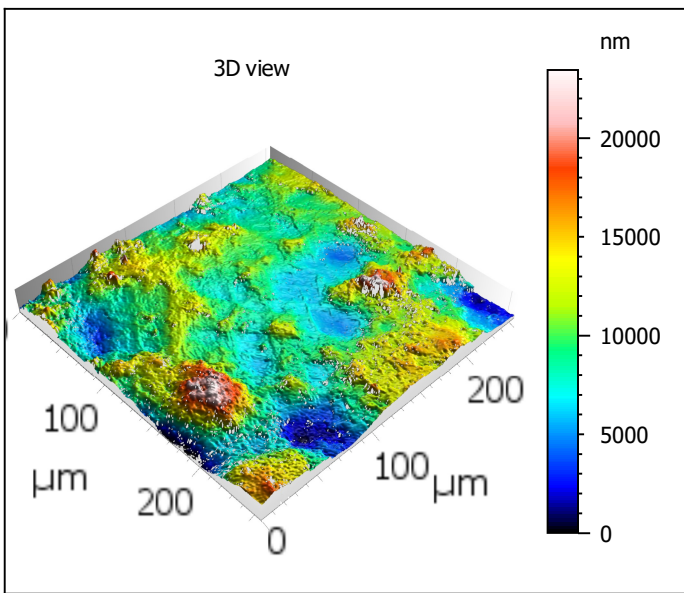
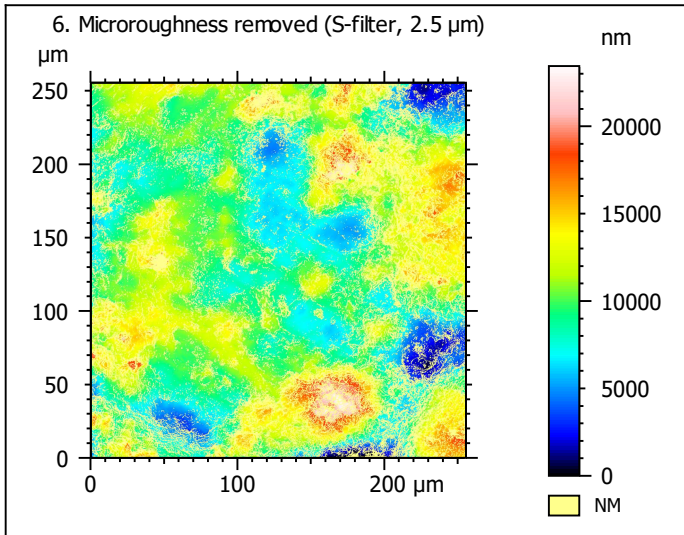
### Processing



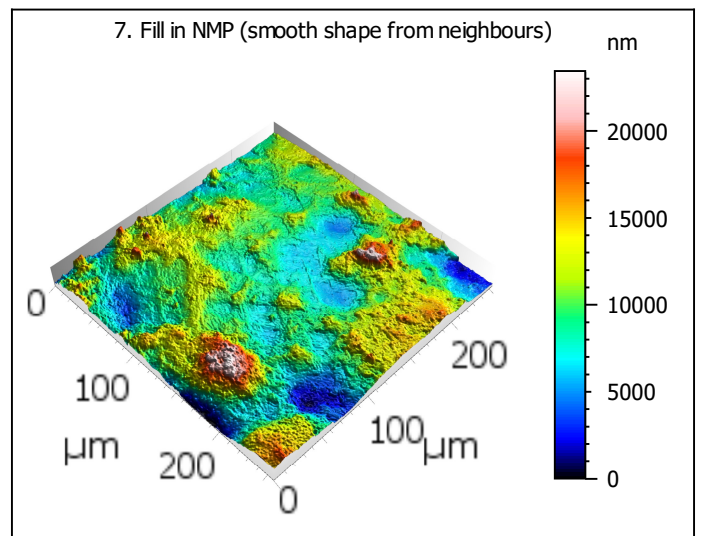
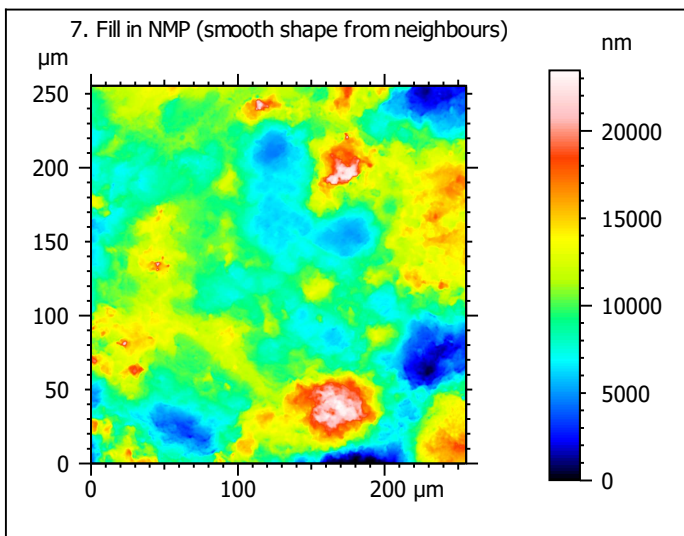
Identity card			
Name:	Lime3-9_LSM_50x075_suf1_Topo		
Created on:	6/24/2020 2:04:50 PM		
Studiabile type:	Surface		
<b>Axis:</b>	<b>X</b>		
Length:	255.5	µm	
Size:	3000	points	
Spacing:	0.08519	µm	
<b>Axis:</b>	<b>Y</b>		
Length:	255.5	µm	
Size:	3000	points	
Spacing:	0.08519	µm	
<b>Axis:</b>	<b>Z</b>		
Layer type:	Topography		
Length:	51977	nm	
Size:	65531	digits	
Spacing:	0.7932	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	Lime3-9_LSM_50x075...filtered ( $\lambda$ s 2.500 $\mu\text{m}$ )		
File path:	C:\Us...\Lime3-9_LSM_50x075_suf1_Topo.sur		
Created on:	6/24/2020 2:04:50 PM		
Studiable type:	Surface		
<b>Axis:</b>	<b>X</b>		
Length:	255.5	$\mu\text{m}$	
Size:	3000	points	
Spacing:	0.08519	$\mu\text{m}$	
Offset:	0.000	$\mu\text{m}$	
<b>Axis:</b>	<b>Y</b>		
Length:	255.5	$\mu\text{m}$	
Size:	3000	points	
Spacing:	0.08519	$\mu\text{m}$	
Offset:	-255.5	$\mu\text{m}$	
<b>Axis:</b>	<b>Z</b>		
Layer type:	Topography		
Length:	23446	nm	
Min:	-9982	nm	
Max:	13463	nm	
Size:	295597	digits	
Spacing:	0.07932	nm	
NM-points ratio:	33.03 % (2973150 Pts)		

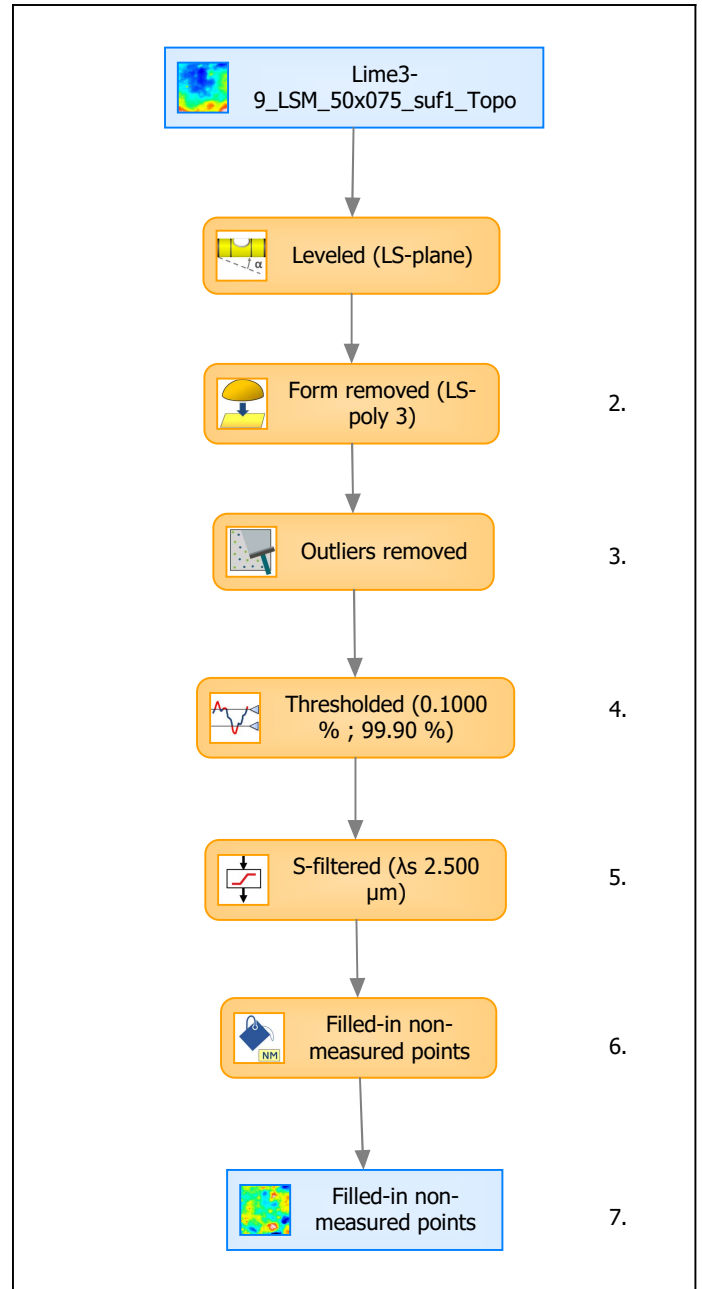


Identity card			
Name:	Lime3-9_LSM_50x075_s...in non-measured points		
Created on:	6/24/2020 2:04:50 PM		
Studiable type:	Surface		
<b>Axis:</b>	<b>X</b>		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	0.08519	μm	
<b>Axis:</b>	<b>Y</b>		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	0.08519	μm	
<b>Axis:</b>	<b>Z</b>		
Layer type:	Topography		
Length:	23446	nm	
Size:	295597	digits	
Spacing:	0.07932	nm	
NM-points ratio:	0.000 % (0 Pts)		

### Analyses

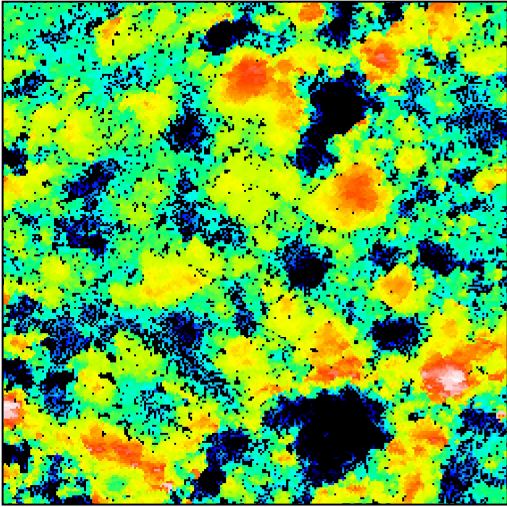
#### 8. ISO 25178-2 parameters on surface #7

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	3339	nm	
Ssk	0.3839		
Sku	4.024		
Sp	13358	nm	
Sv	10087	nm	
Sz	23446	nm	
Sa	2548	nm	
Functional parameters			
Smr	0.1444	%	
Smc	4106	nm	
Sxp	6420	nm	
Spatial parameters			
Sal	25.29	μm	
Str	0.8510		
Std	39.26	°	
Hybrid parameters			
Sdq	0.7598		
Sdr	18.82	%	
Functional parameters (Volume)			
Vm	0.2247	μm <sup>3</sup> /μm <sup>2</sup>	
Vv	4.331	μm <sup>3</sup> /μm <sup>2</sup>	
Vmp	0.2247	μm <sup>3</sup> /μm <sup>2</sup>	
Vmc	2.714	μm <sup>3</sup> /μm <sup>2</sup>	
Vvc	3.973	μm <sup>3</sup> /μm <sup>2</sup>	
Vvv	0.3578	μm <sup>3</sup> /μm <sup>2</sup>	



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

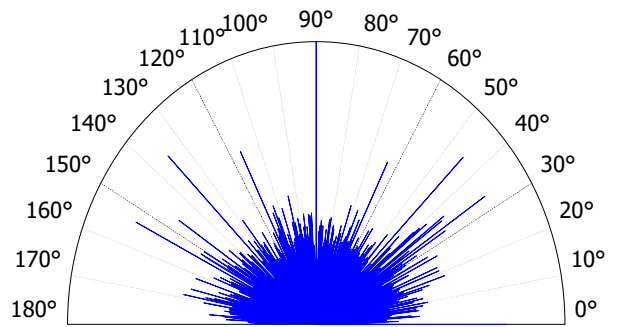
9. Furrow analysis on surface #7



All furrows are shown.

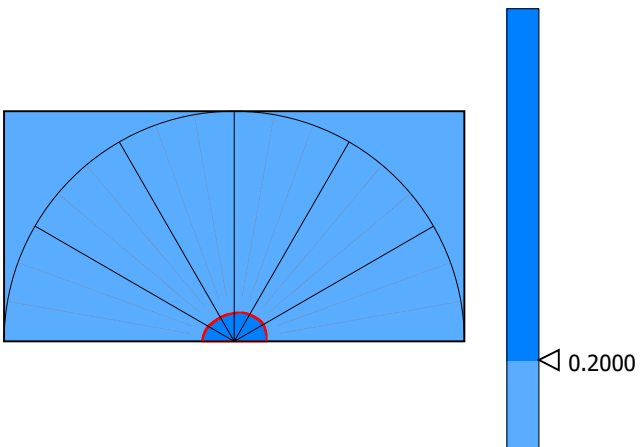
Parameters	Value	Unit
Maximum depth of furrows	8684	nm
Mean depth of furrows	3671	nm
Mean density of furrows	4492	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	90.00	°
Second direction	135.0	°
Third direction	44.98	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Isotropy	82.29	%

12. SSFA on surface #7

