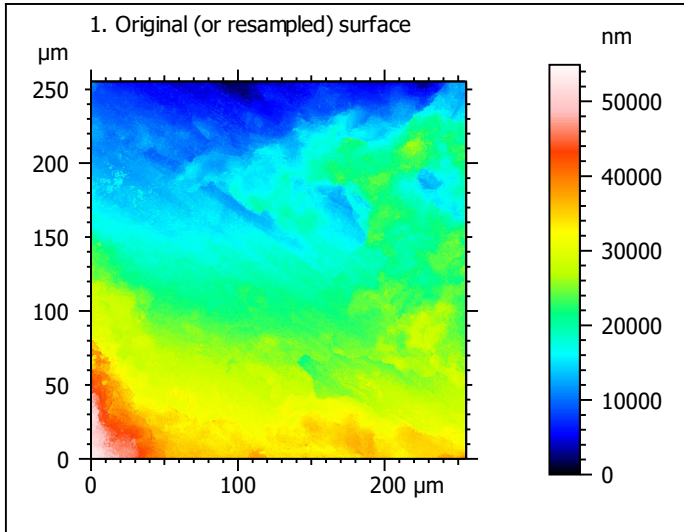


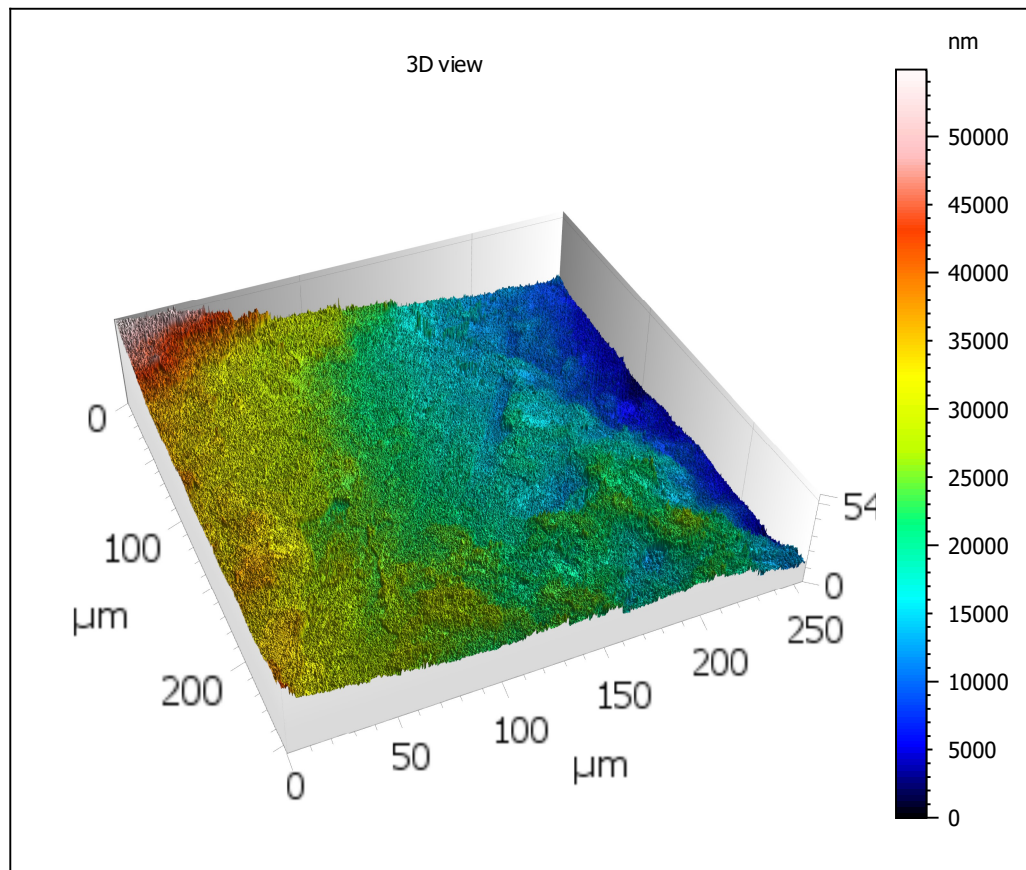
Template - Processing analysis

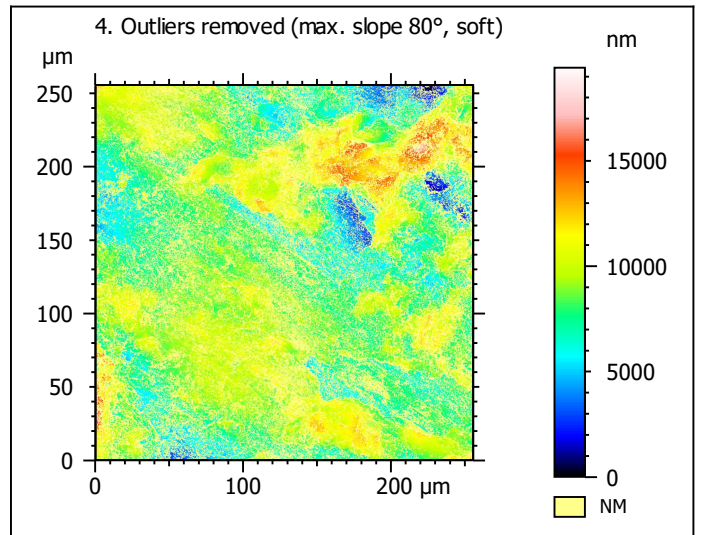
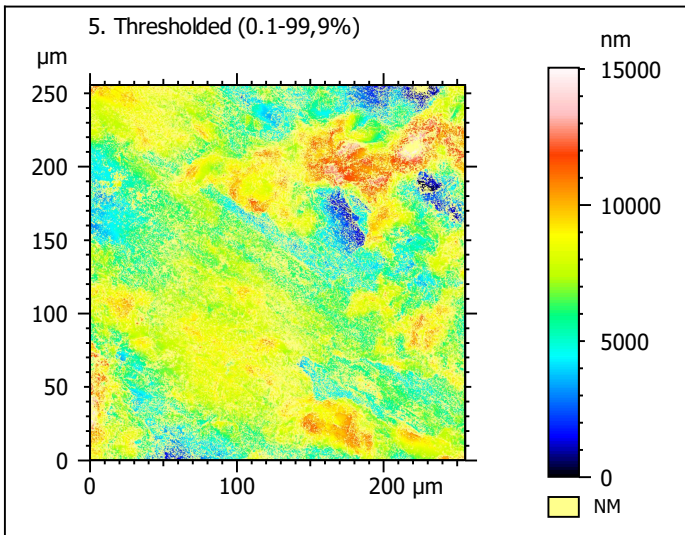
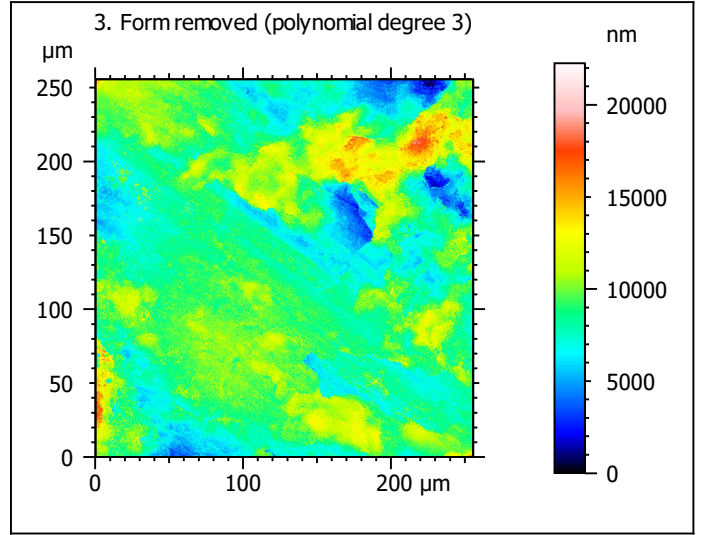
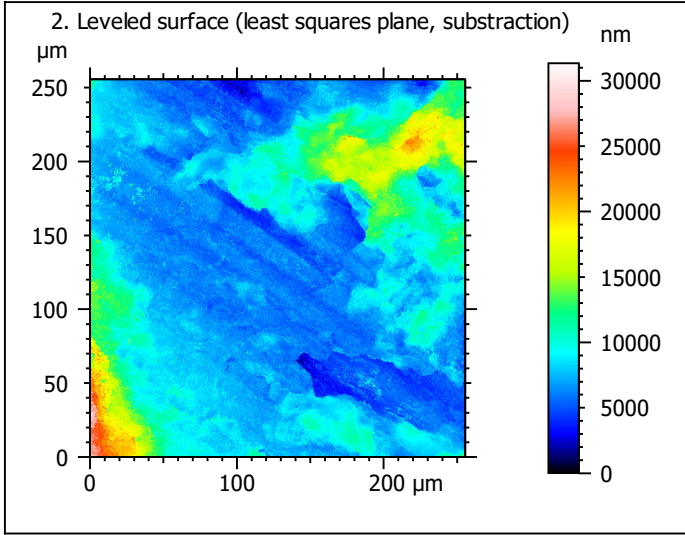
Template to process all surfaces acquired with the LSM with the 50x/0.75 and 50x/0.95 objectives.

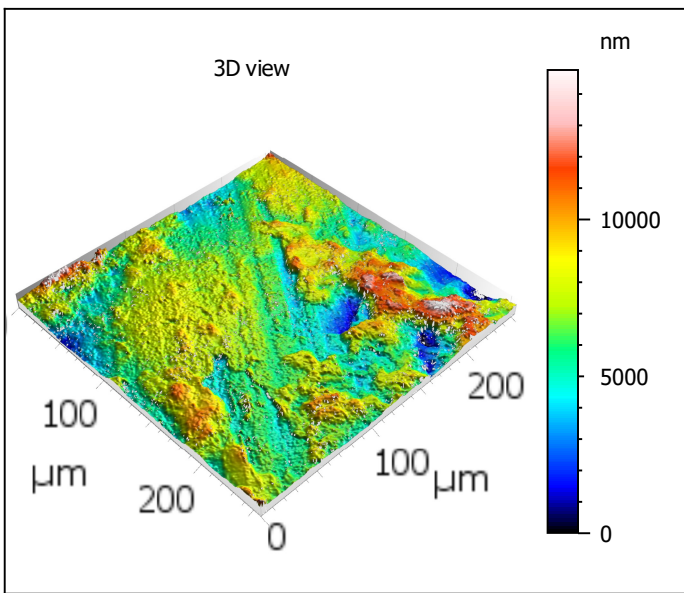
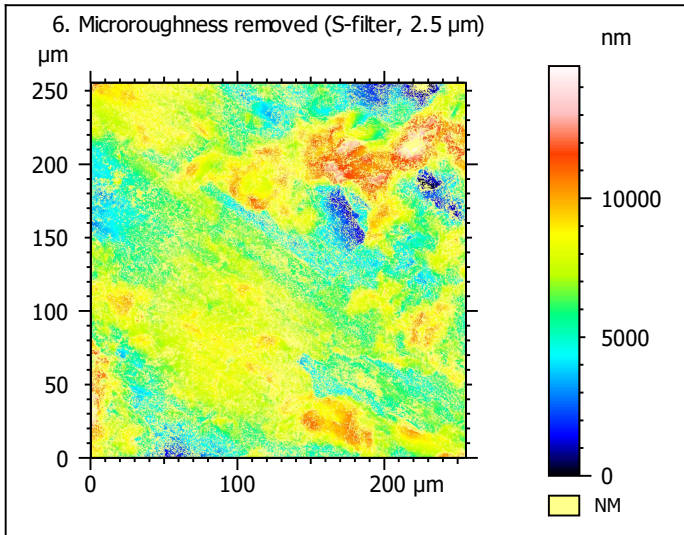
Processing



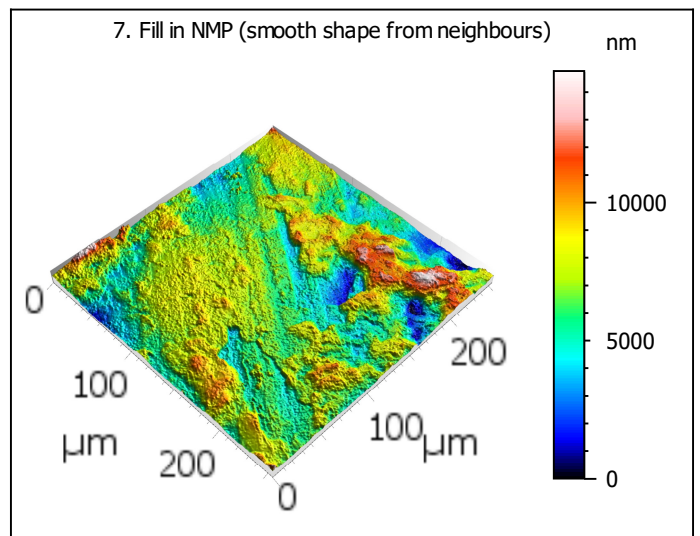
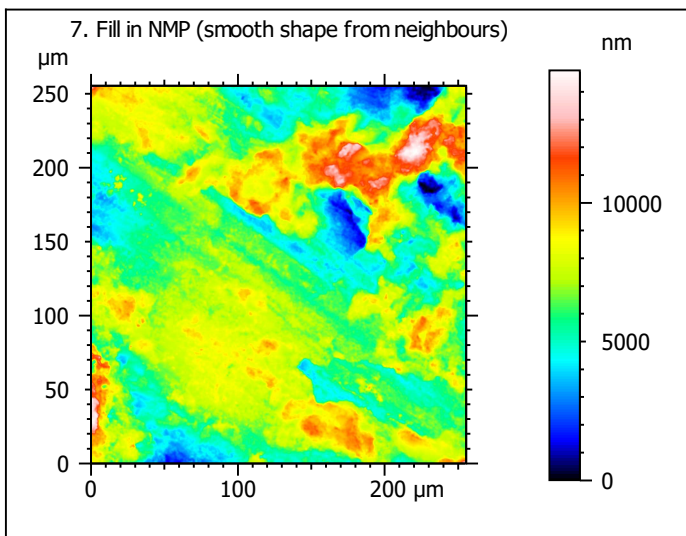
Identity card			
Name:	MirroringSurfaces --- li...0914_surf1_Topo-mold		
Created on:	3/10/2020 4:25:37 PM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.5	µm	
Size:	3000	points	
Spacing:	0.08519	µm	
Axis:	Y		
Length:	255.5	µm	
Size:	3000	points	
Spacing:	0.08519	µm	
Axis:	Z		
Layer type:	Topography		
Length:	54908	nm	
Size:	65532	digits	
Spacing:	0.8379	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	MirroringSurfaces --- I...filtered (λ s 2.500 μm)		
File path:	C:\Users\marreiros.R..._surf1_Topo-mold.sur		
Created on:	3/10/2020 4:25:37 PM		
Studiable type:	Surface		
Axis:	X		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	0.08519	μm	
Offset:	0.000	μm	
Axis:	Y		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	0.08519	μm	
Offset:	-255.5	μm	
Axis:	Z		
Layer type:	Topography		
Length:	14766	nm	
Min:	-6989	nm	
Max:	7777	nm	
Size:	176229	digits	
Spacing:	0.08379	nm	
NM-points ratio:	42.45 % (3820628 Pts)		

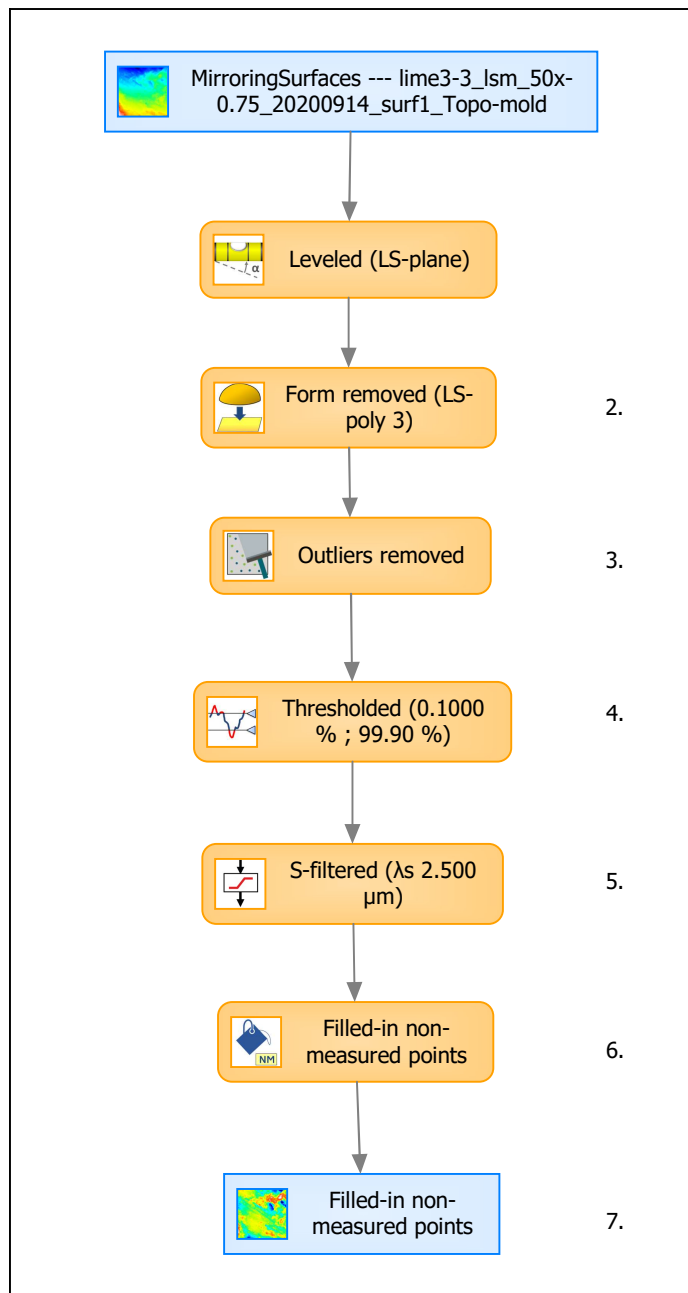


Identity card			
Name:	MirroringSurfaces --- li...in non-measured points		
Created on:	3/10/2020 4:25:37 PM		
Studiable type:	Surface		
Axis:	X		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	0.08519	μm	
Axis:	Y		
Length:	255.5	μm	
Size:	3000	points	
Spacing:	0.08519	μm	
Axis:	Z		
Layer type:	Topography		
Length:	14766	nm	
Size:	176229	digits	
Spacing:	0.08379	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

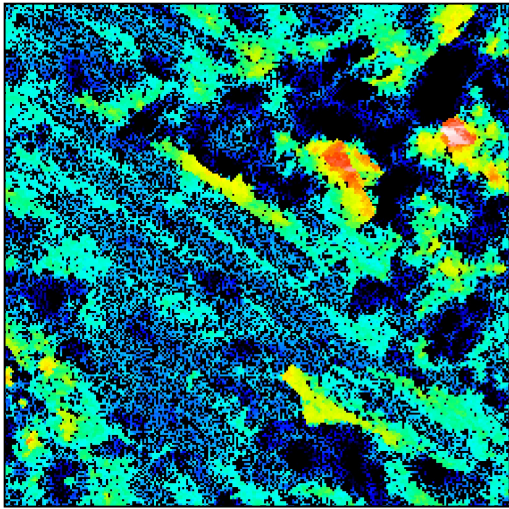
8. ISO 25178-2 parameters on surface #7

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	1978	nm	
Ssk	0.1797		
Sku	3.914		
Sp	7859	nm	
Sv	6907	nm	
Sz	14766	nm	
Sa	1507	nm	
Functional parameters			
Smr	0.2124	%	
Smc	2378	nm	
Sxp	4002	nm	
Spatial parameters			
Sal	19.02	μm	
Str	0.4634		
Std	147.5	°	
Hybrid parameters			
Sdq	0.6043		
Sdr	13.49	%	
Functional parameters (Volume)			
Vm	0.1331	μm ³ /μm ²	
Vv	2.511	μm ³ /μm ²	
Vmp	0.1331	μm ³ /μm ²	
Vmc	1.631	μm ³ /μm ²	
Vvc	2.281	μm ³ /μm ²	
Vvv	0.2304	μm ³ /μm ²	



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

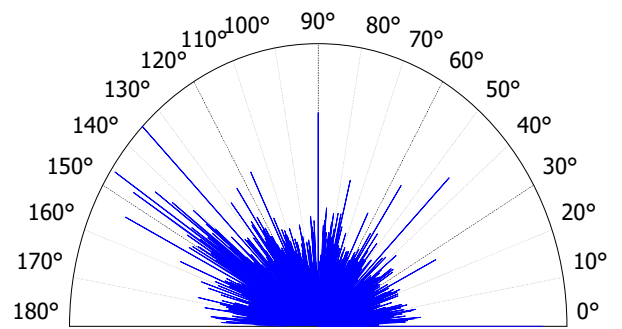
9. Furrow analysis on surface #7



All furrows are shown.

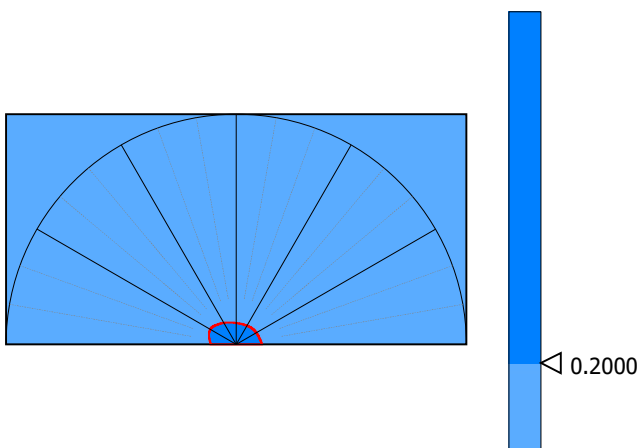
Parameters	Value	Unit
Maximum depth of furrows	9325	nm
Mean depth of furrows	2431	nm
Mean density of furrows	4763	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	135.0	°
Second direction	146.2	°
Third direction	0.0149	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Isotropy	69.75	%

12. SSFA on surface #7

