

## SSFA comparison

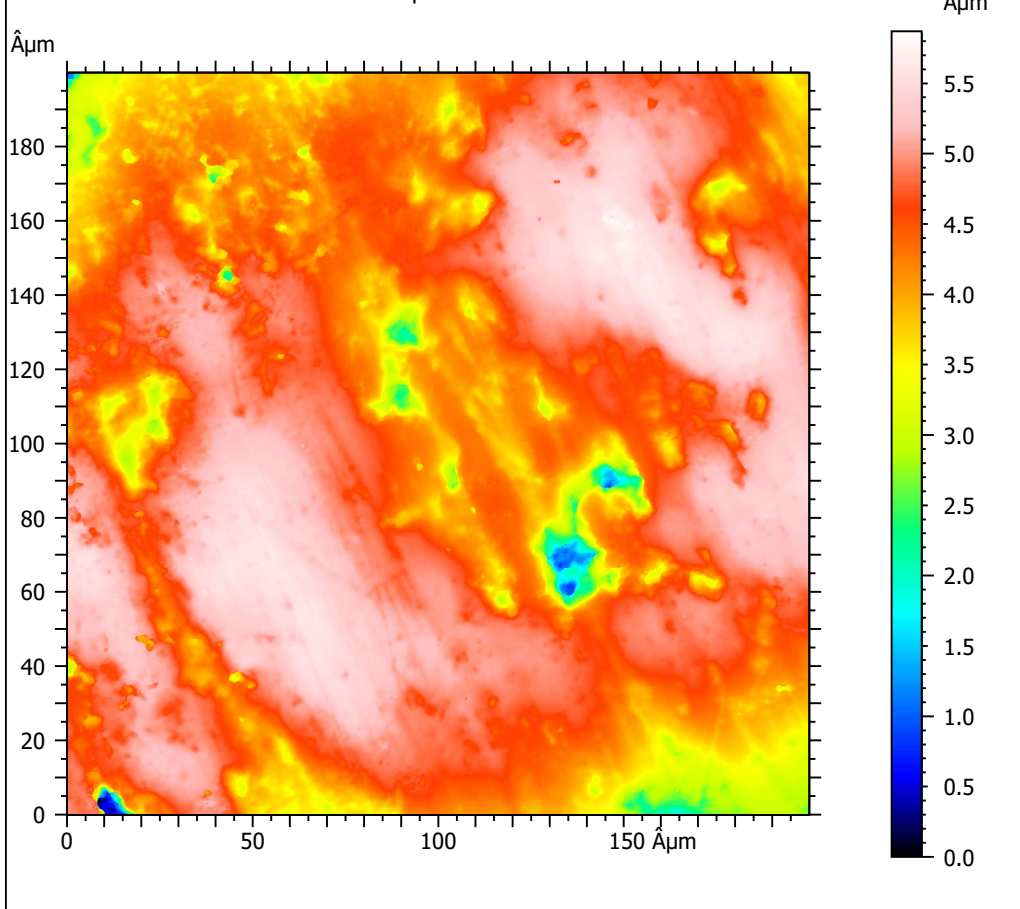
Template to process all surfaces acquired with the Leica DCM8 with the 100x/0.90 objective.

### A. Processing

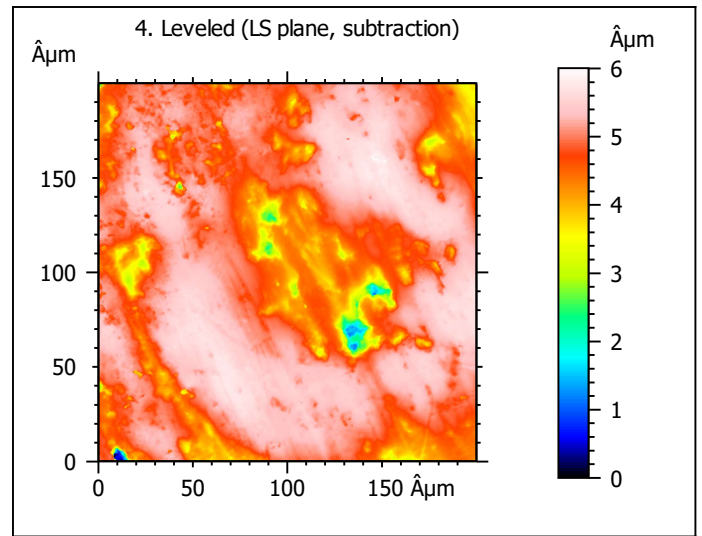
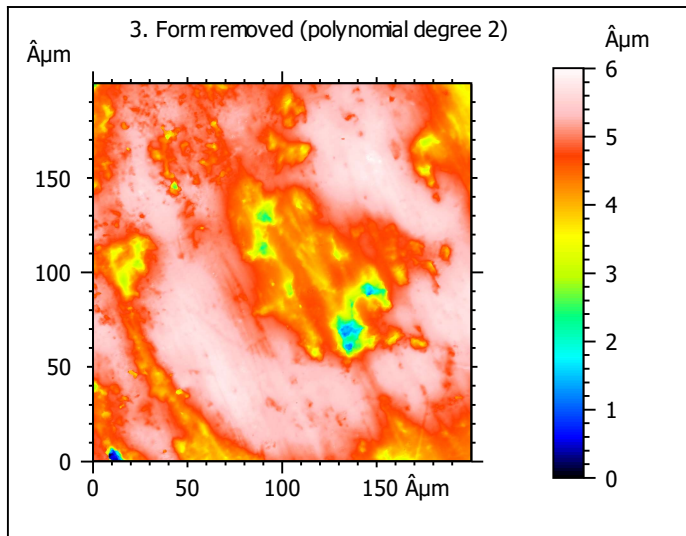
#### Identity card

Name:	L7_Ovis_10053_lm2_sin		
File path:	D:\Data\3Ddata\SSFA\Sheeps\Original surfaces\L7_Ovis_10053_lm2_sin.sur		
Studiable type:	Surface		
Axis:	X		
Length:	199.9	Âµm	
Size:	1551	points	
Spacing:	0.1290	Âµm	
Axis:	Y		
Length:	199.9	Âµm	
Size:	1551	points	
Spacing:	0.1290	Âµm	
Axis:	Z		
Length:	5.870	Âµm	
Size:	268435461	digits	
Spacing:	2.187e-08	Âµm	
NM-points ratio:	0.000 % (0 Pts)		

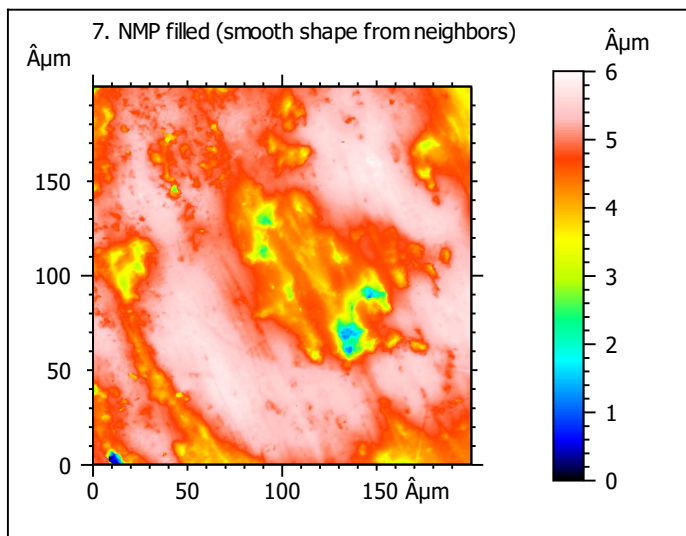
1. Acquired surface



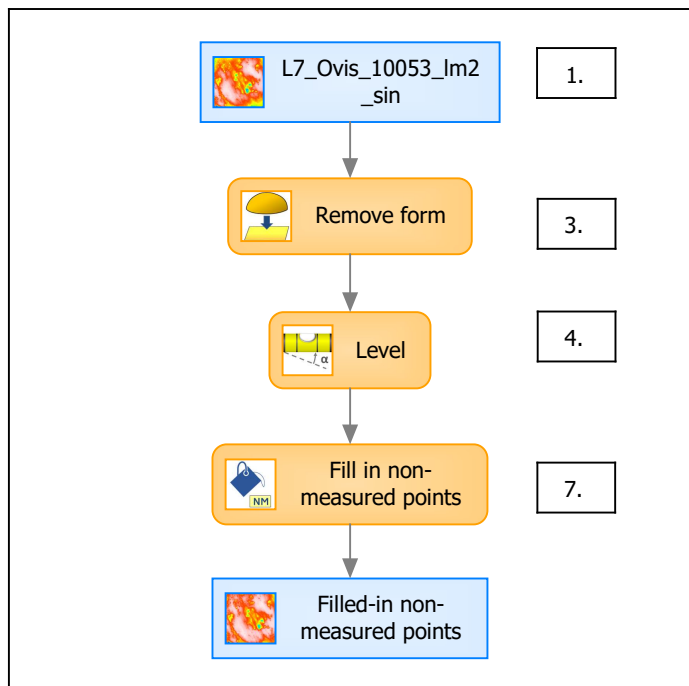
*Note that the surfaces have been preprocessed (mirrored in z, cut to 200x200 µm and automatically cleaned) according to Merceron et al. (2016), Proc. R. Soc. B 283: 20161032.*



Identity card	
Name:	L7_Ovis_10053_Im2_... > Leveled (LS-plane)
Axis:	Z
NM-points ratio:	0.000 % (0 Pts)



## B. Summary



### Identity card

Name: L7\_Ovis\_10053\_Im2\_sin > Form removed (LS-poly 2) > Leveled (LS-plane) > Filled-in non-measured points

Studiabale type: Surface

#### Axis: X

Length: 199.9 Åµm  
Size: 1551 points  
Spacing: 0.1290 Åµm

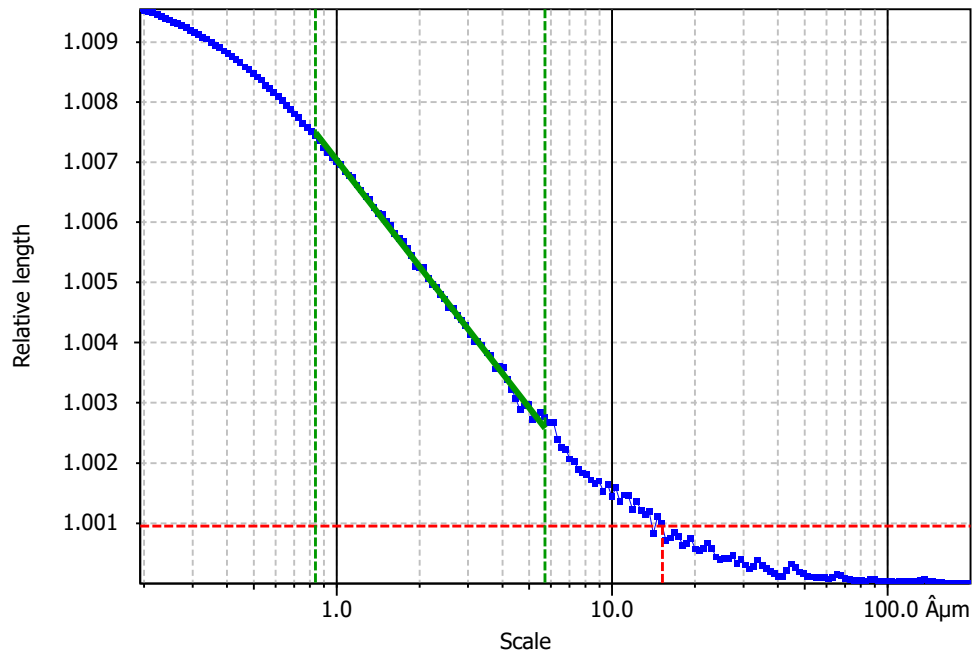
#### Axis: Y

Length: 199.9 Åµm  
Size: 1551 points  
Spacing: 0.1290 Åµm

#### Axis: Z

Layer type: Unknown

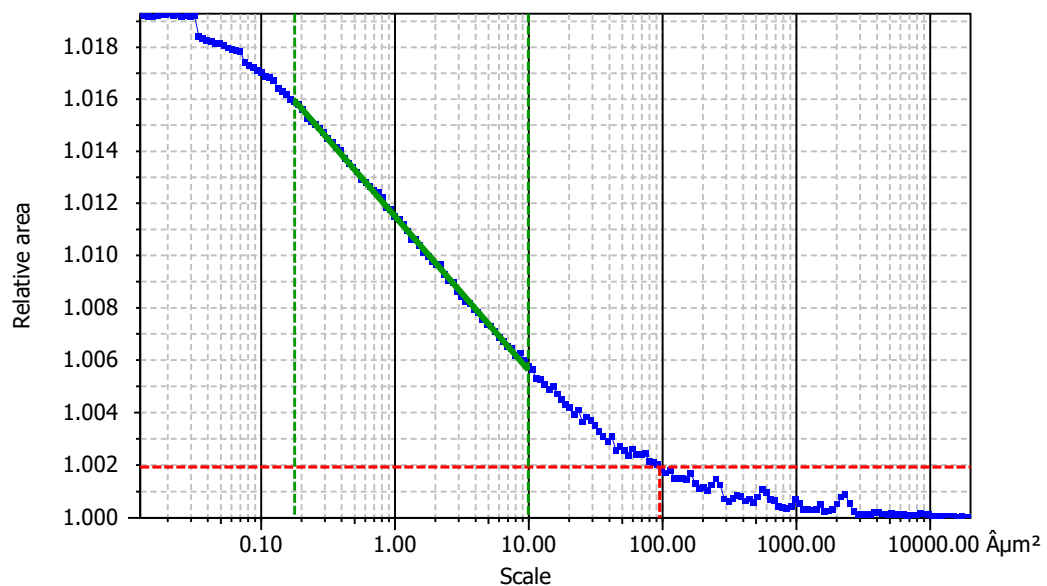
Length: 6.005 Åµm  
Size: 274618141 digits  
Spacing: 2.187e-08 Åµm

**Information**

Method	Length-scale (rows)
--------	---------------------

**Parameters**

Parameters	Value	Unit	Comment
epLsar	0.003165		Length-scale anisotropy ( <i>Sfrax</i> ) ( $1.8 \text{ Å}\mu\text{m}$ , $5^\circ$ )
NewEplsar	0.01685		Length-scale anisotropy ( $1.8 \text{ Å}\mu\text{m}$ , $5^\circ$ )

**Information**

Method	Area-scale (four corners)
--------	---------------------------

**Parameters**

Parameters	Value	Unit	Comment
$R^2$	0.9992		Reg. coefficient $R^2$
Asfc	2.539		Fractal complexity
Smfc	1.532	$\text{Å}\mu\text{m}^2$	Scale of max complexity
HAsfc9	0.6044		Heterogeneity of Asfc ( $3 \times 3$ )
HAsfc81	0.9874		Heterogeneity of Asfc ( $9 \times 9$ )