

# SSFA comparison

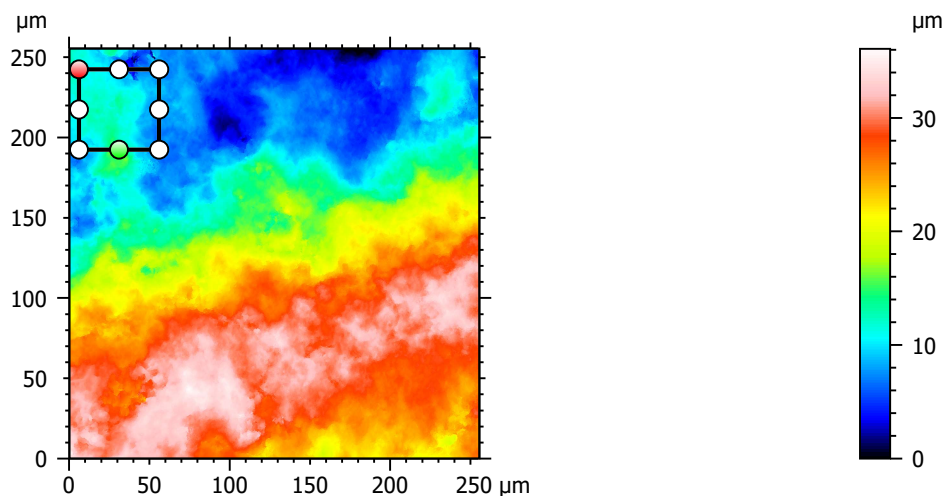
Template to process all lithic surfaces acquired with the Zeiss LSM 800 with the 50x/0.95 objective.

## A. Processing

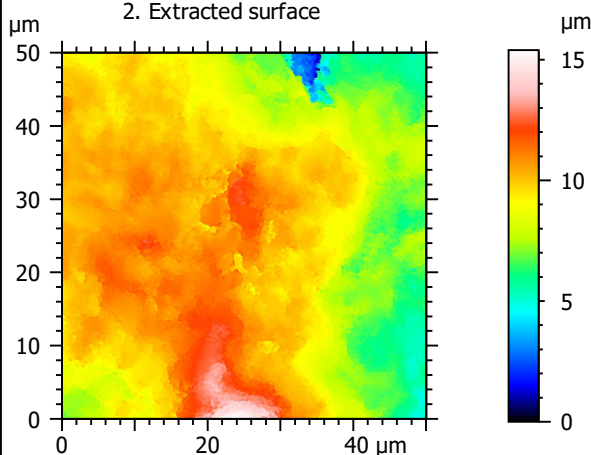
### Identity card

Name:	FLT3-8_LSM2_50x-0.95_20190801_Area1_Topo		
File path:	D:\Data\3Ddata\SSFA\Lithics\Original surfaces\FLT3-8_LSM2_50x-0.95_20190801_Area1_Topo.sur		
Created on:	8/1/2019 11:07:00 AM		
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:	36.08	µm	
Size:	65532	digits	
Spacing:	0.0005506	µm	
NM-points ratio:	0.000 % (0 Pts)		

### 1. Acquired surface

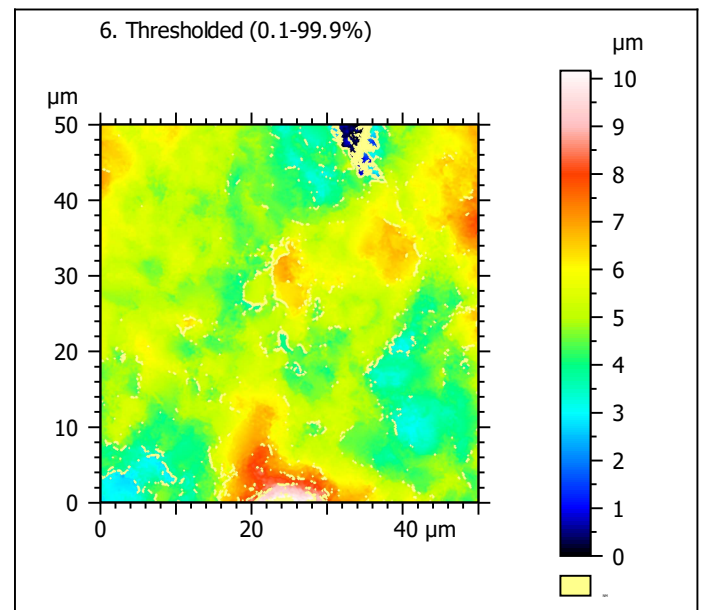
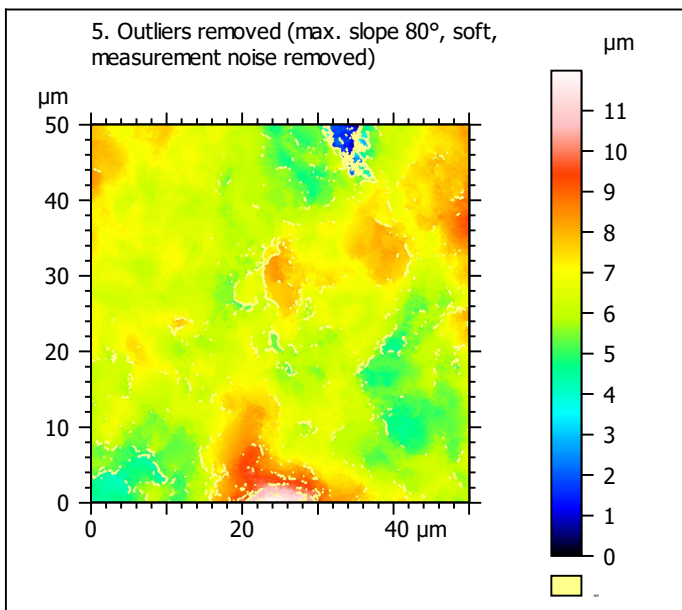
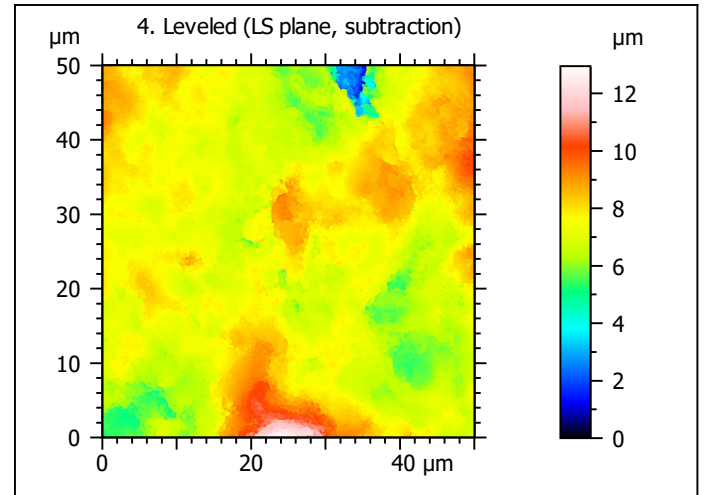
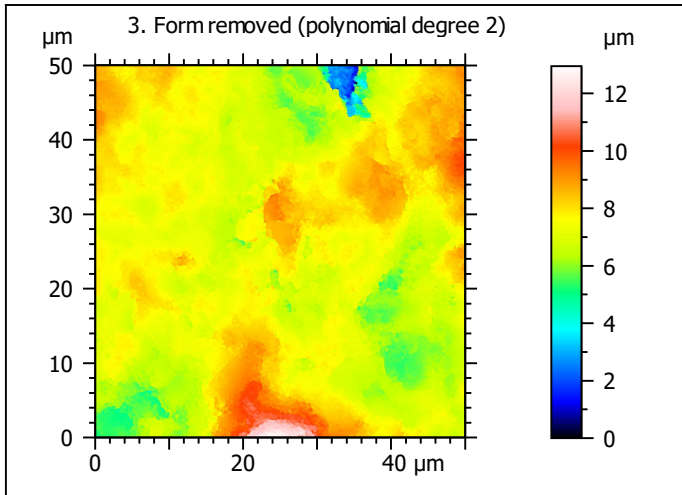


### 2. Extracted surface



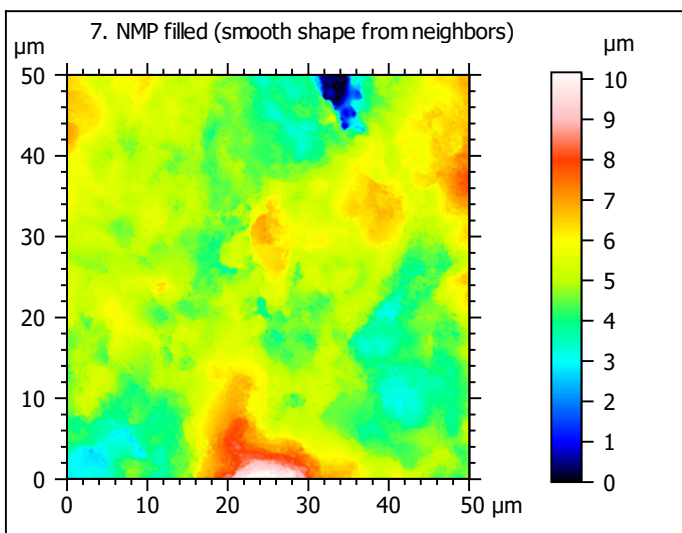
### Identity card

Name:	FLT3-8_LSM2_50x-0....opo > Extracted area		
Axis:	X		
Length:	50.00	µm	
Size:	588	points	
Axis:	Y		
Length:	50.00	µm	
Size:	588	points	
Axis:	Z		
Layer type:	Topography		
Length:	15.40	µm	
Size:	27967	digits	
NM-points ratio:	0.000 % (0 Pts)		

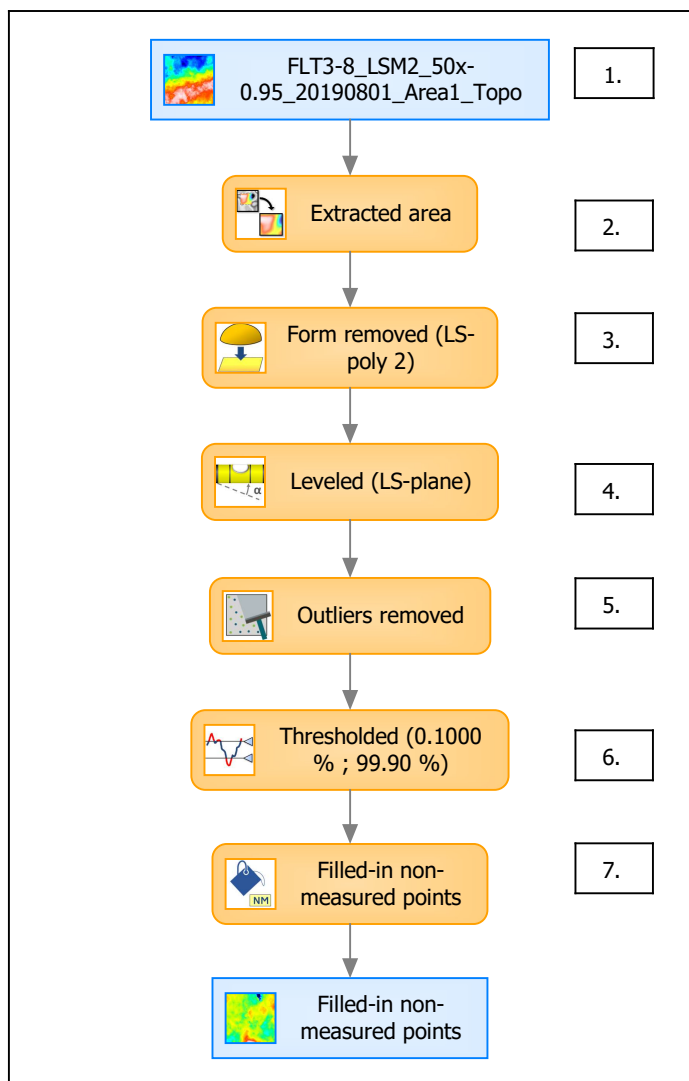


Identity card	
Name:	FLT3-8_LSM2_50x-0....e) > Outliers removed
Axis:	Z
NM-points ratio:	4.676 % (16168 Pts)

Identity card	
Name:	FLT3-8_LSM2_50x-0....0.1000 % ; 99.90 %)
Axis:	Z
NM-points ratio:	4.867 % (16827 Pts)



## B. Summary



### Identity card

Name: FLT3-8\_LSM2\_50x-0.95\_20190801\_Area1\_Topo > Extracted area...resholded (0.1000 % ; 99.90 %) > Filled-in non-measured points

Studiabale type: Surface

#### Axis: X

Length: 50.00  $\mu\text{m}$

Size: 588 points

Spacing: 0.08519  $\mu\text{m}$

#### Axis: Y

Length: 50.00  $\mu\text{m}$

Size: 588 points

Spacing: 0.08519  $\mu\text{m}$

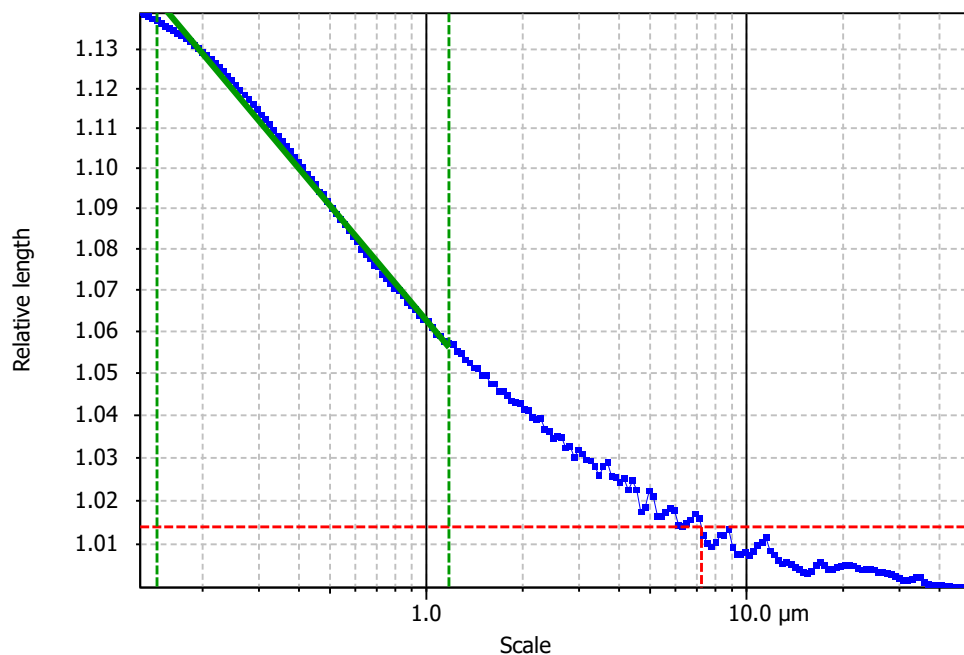
#### Axis: Z

Layer type: Topography

Length: 10.17  $\mu\text{m}$

Size: 18464 digits

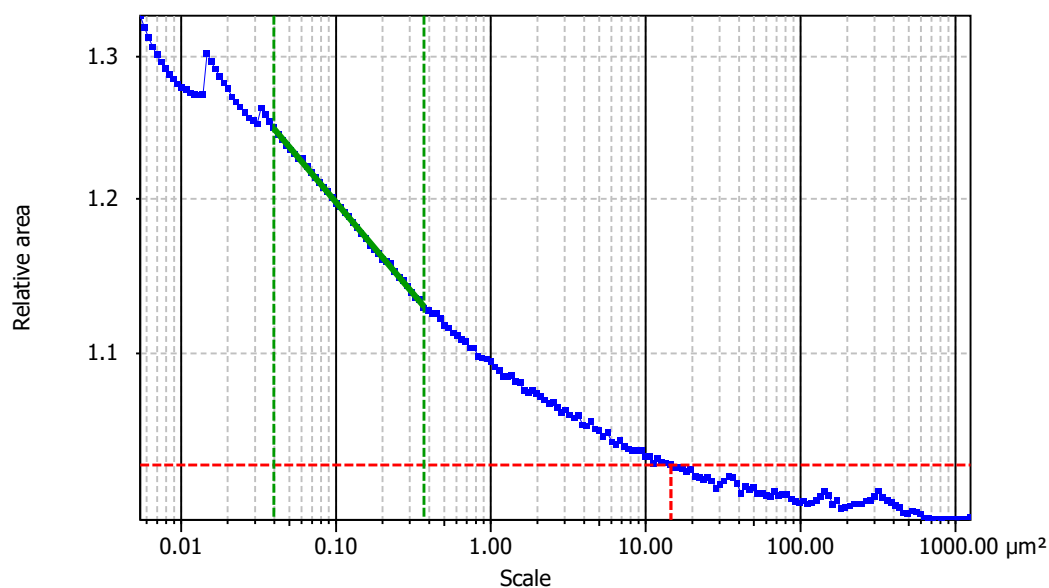
Spacing: 0.0005506  $\mu\text{m}$

**Information**

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

**Parameters**

Parameters	Value	Unit	Comment
epLsar	0.002729		Length-scale anisotropy (Sfrax) (1.8 μm, 5°)
NewEplsar	0.0166		Length-scale anisotropy (1.8 μm, 5°)

**Information**

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

**Parameters**

Parameters	Value	Unit	Comment
R <sup>2</sup>	0.9991		Reg. coefficient R <sup>2</sup>
Asfc	44.89		Fractal complexity
Smfc	0.1005	μm <sup>2</sup>	Scale of max complexity
HAsfc9	0.1753		Heterogeneity of Asfc (3x3)
HAsfc81	0.4218		Heterogeneity of Asfc (9x9)