

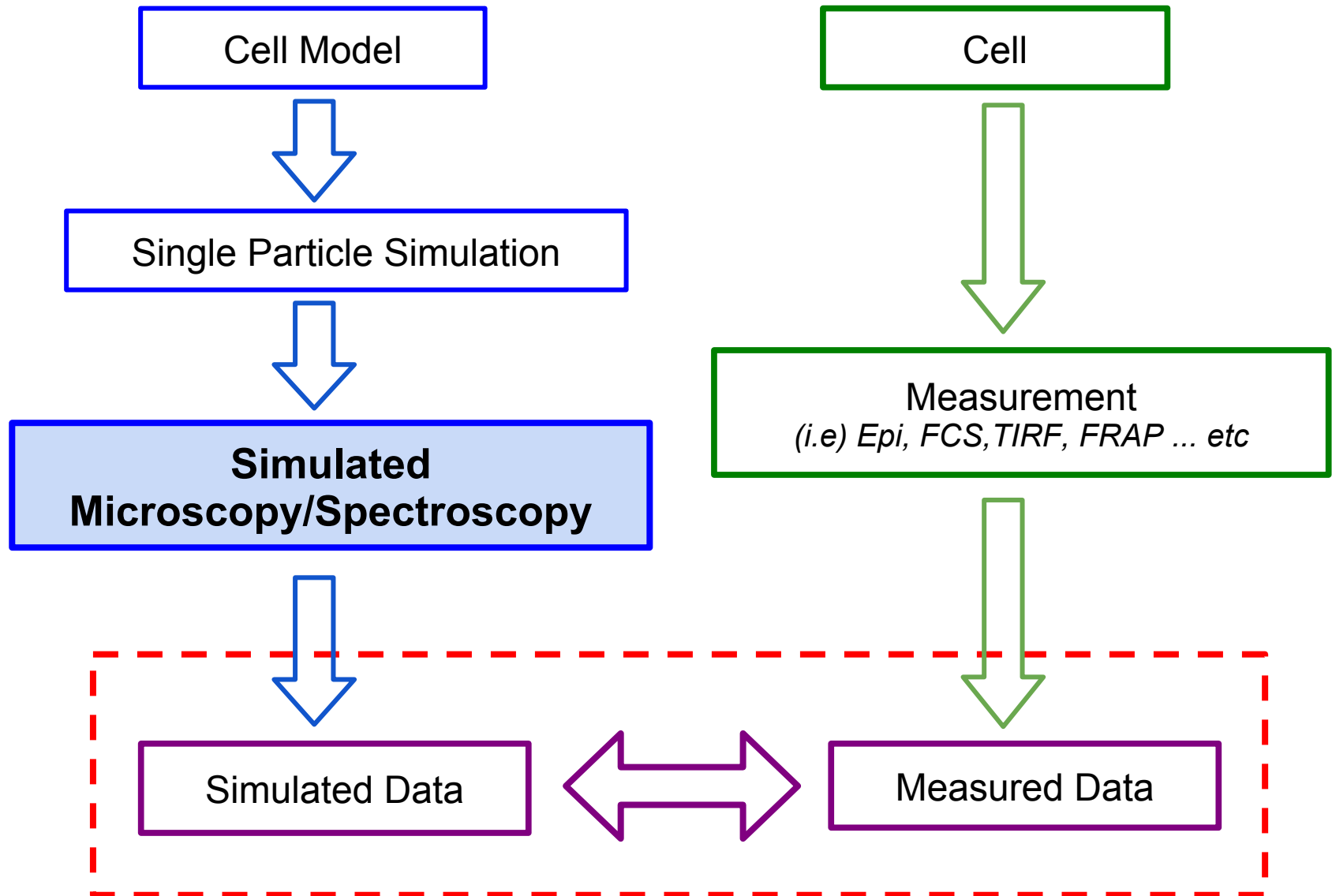
E-Cell Sprint 2016

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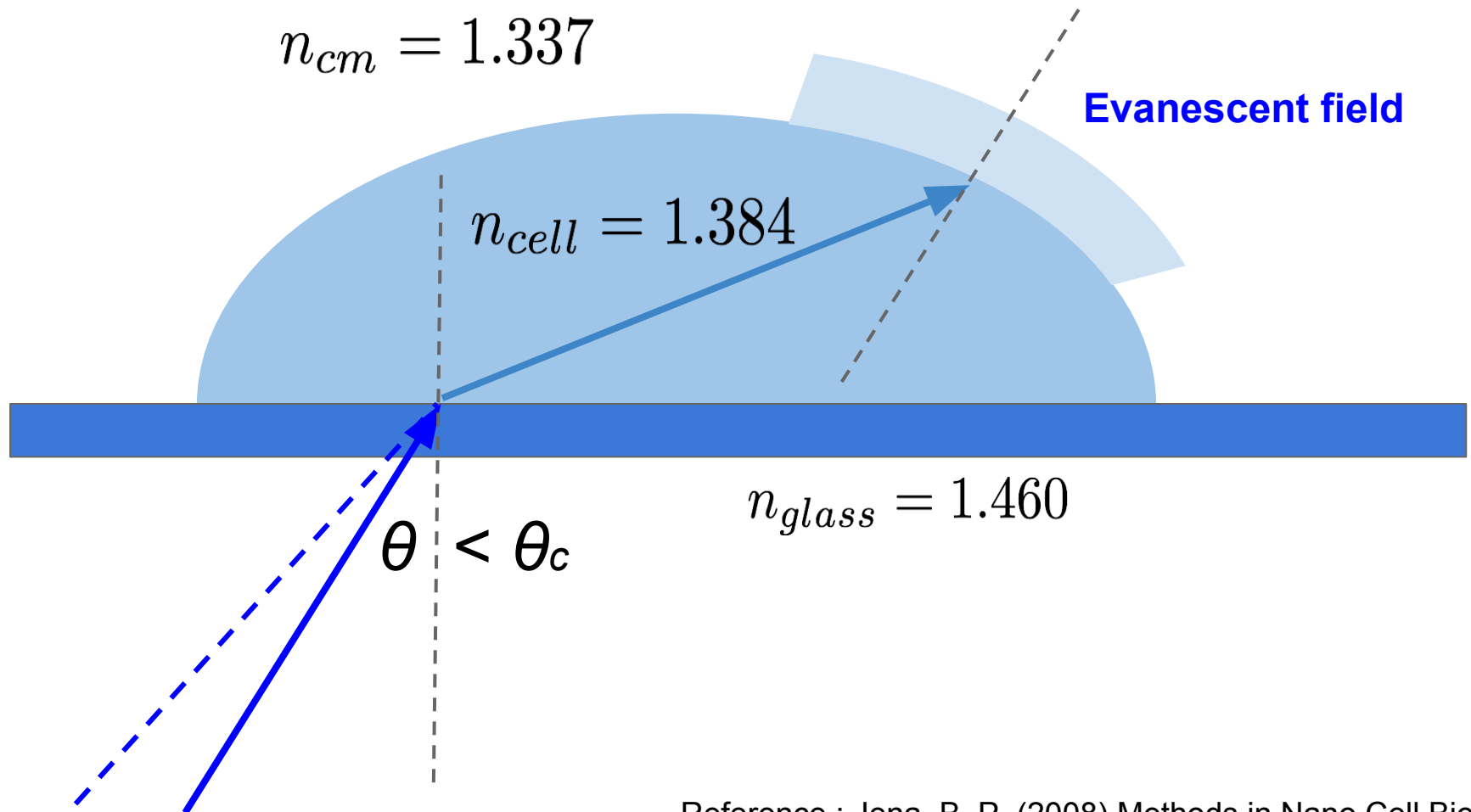
Presented at 08/31-09/02/2016

Comparison between spatial cell model and biological cell image

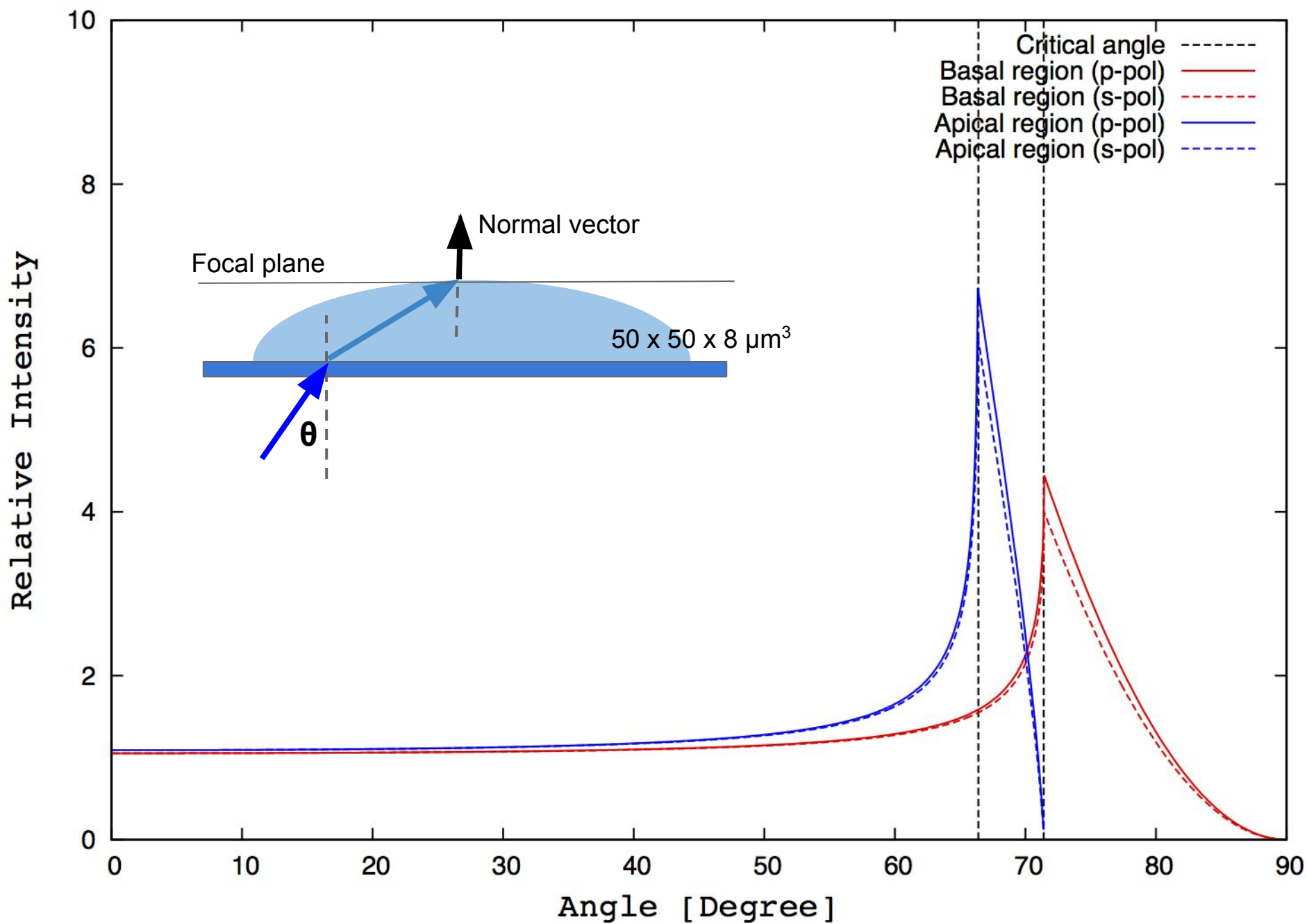


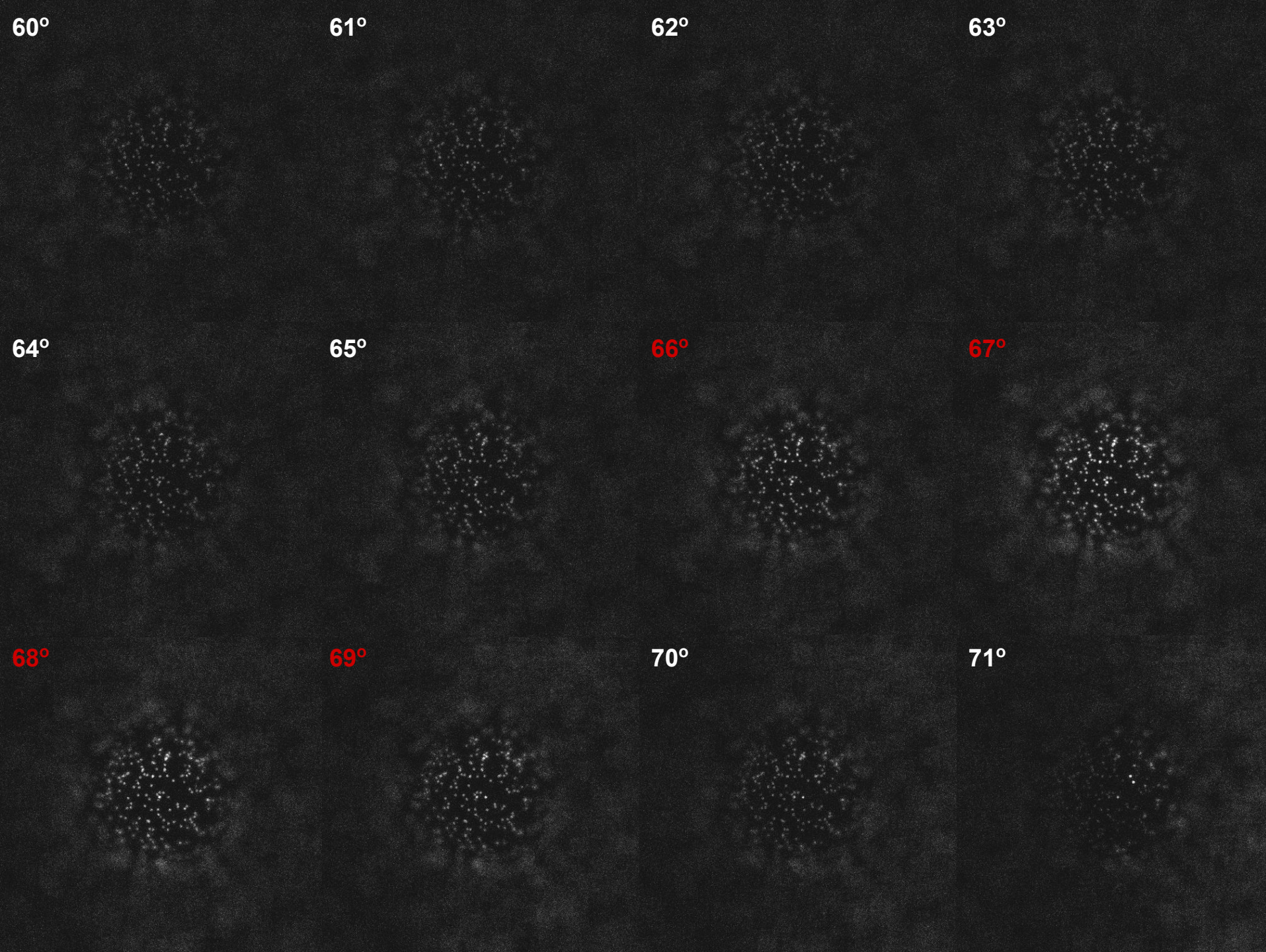
Project : Simulation of low-angle oblique illumination

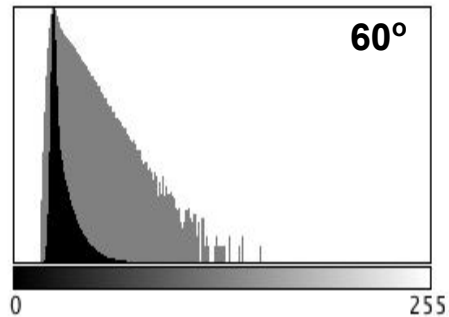
$$n_{cm} < n_{cell} < n_{glass}$$



Relative illumination intensity as a function of incident beam angle

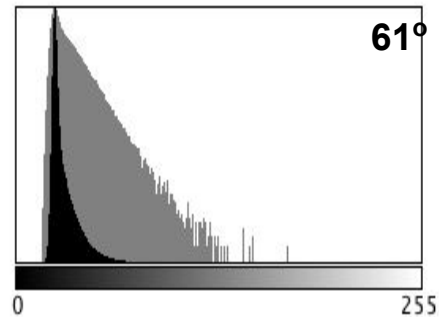






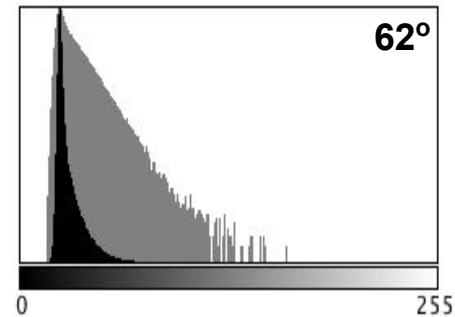
Count: 262144
Mean: 30.104
StdDev: 9.740

Min: 16
Max: 201
Mode: 24 (25612)



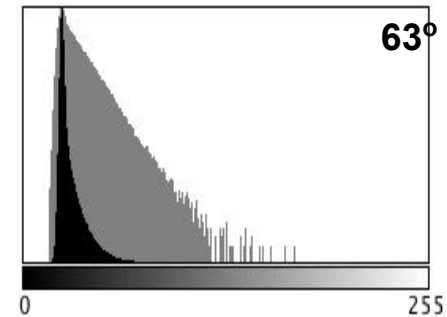
Count: 262144
Mean: 30.194
StdDev: 9.896

Min: 15
Max: 222
Mode: 24 (25674)



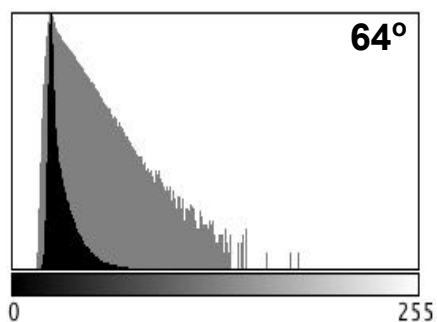
Count: 262144
Mean: 30.237
StdDev: 9.971

Min: 15
Max: 197
Mode: 24 (25520)



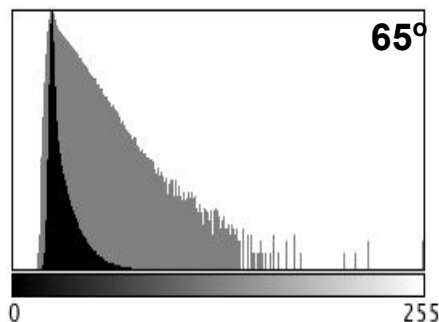
Count: 262144
Mean: 30.467
StdDev: 10.240

Min: 15
Max: 237
Mode: 24 (25298)



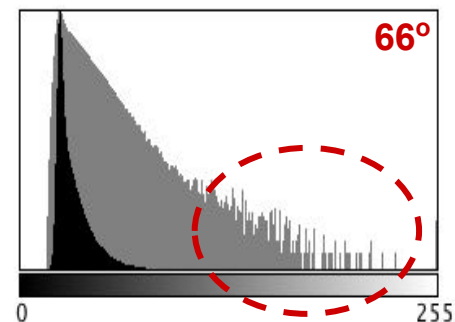
Count: 262144
Mean: 31.116
StdDev: 10.909

Min: 15
Max: 241
Mode: 24 (23958)



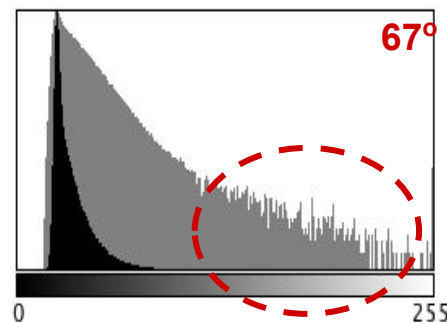
Count: 262144
Mean: 31.705
StdDev: 11.600

Min: 15
Max: 255
Mode: 24 (22857)



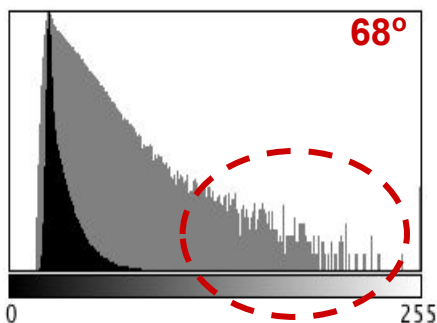
Count: 262144
Mean: 32.586
StdDev: 13.090

Min: 16
Max: 255
Mode: 24 (21760)



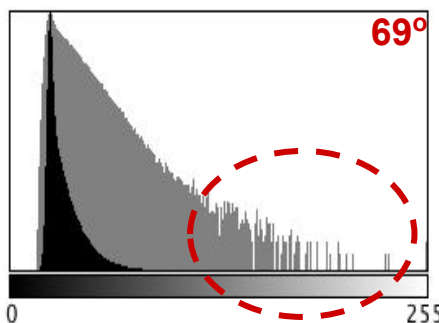
Count: 262144
Mean: 34.194
StdDev: 15.635

Min: 15
Max: 255
Mode: 24 (19528)



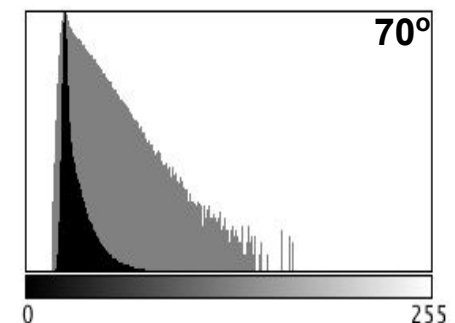
Count: 262144
Mean: 33.669
StdDev: 14.337

Min: 16
Max: 255
Mode: 24 (20064)



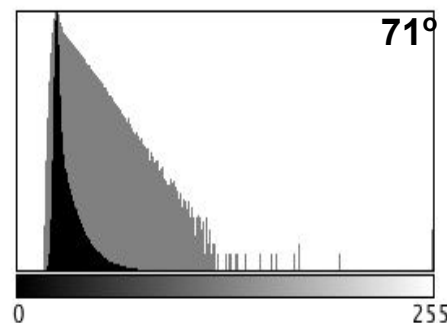
Count: 262144
Mean: 33.182
StdDev: 13.233

Min: 16
Max: 255
Mode: 24 (20812)



Count: 262144
Mean: 32.057
StdDev: 11.714

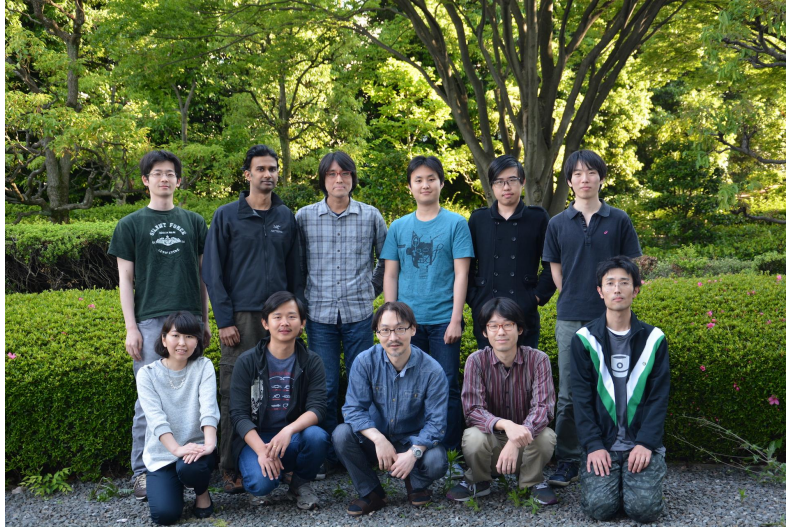
Min: 16
Max: 255
Mode: 24 (22145)



Count: 262144
Mean: 31.425
StdDev: 11.262

Min: 14
Max: 255
Mode: 24 (23862)

Acknowledgement



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