Description of Additional Supplementary Files

File Name: Supplementary Movie 1
Description: Difference-image movie belonging to Fig. 2a

File Name: Supplementary Movie 2
Description: Full-image movie belonging to Fig. 2b

File Name: Supplementary Movie 3
Description: Full-image movie belonging to Fig. 4b

File Name: Supplementary Movie 4
Description: Full-image movie belonging to Fig. 4c

File Name: Supplementary Movie 5
Description: Astigmatism movie belonging to Fig. 5a-c

File Name: Supplementary Movie 6
Description: N-body 3D numerical simulation movie

File Name: Supplementary Movie 7
Description: N-body numerical simulation probe movie