

List of Hotkeys

This section will present a comprehensive list of all hotkeys and their functions within the current version (v1.69) of the visualiser:

<u>Key</u>	<u>Function</u>
Mouse	
Left Mouse Button (LMB)	Dependent on mouse mode. Allows the user to rotate about the X and Y axes (rotate mode), translate along the Z axis (scale mode) or translate along the X and Y axes (translate mode).
Right Mouse Button (RMB)	Controls rotation about the Z axis in all mouse modes.
Middle Mouse Button (MMB)	Controls translation along the Z axis in all mouse modes.

Standard (no holding SHIFT or CTRL)

W	Translates crystal up (by a medium amount).
S	Translates crystal down (by a medium amount).
A	Translates crystal left (by a medium amount).
D	Translates crystal right (by a medium amount).
Z	Zoom in (by a medium amount).
X	Zoom out (by a medium amount).
SPACE	Toggle selection of displayed species. Selected species is shown in black.
Left Arrow	Switch to previous simulation frame.
Right Arrow	Switch to next simulation frame.
Up Arrow	Skip forward ten simulation frames.
Down Arrow	Skip backwards ten simulation frames.
0	Jump to final simulation frame.
1	Jump to first simulation frame.
F	Switch selected species on / off.
ESC	Quit the visualiser.

Holding SHIFT

SHIFT + LMB	Identical command series as for when not holding SHIFT, but movement increments are smaller and rotation speeds are slower.
SHIFT + RMB	Controls rotation about the Z axis in all mouse modes. Slower rotation speed.
SHIFT + MMB	Controls translation along the Z axis in all mouse modes. Smaller movement increments.
SHIFT + W	Translates crystal up (by a small amount).
SHIFT + S	Translates crystal down (by a small amount).
SHIFT + A	Translates crystal left (by a small amount).
SHIFT + D	Translates crystal right (by a small amount).
SHIFT + Z	Zoom in (by a small amount).
SHIFT + X	Zoom out (by a small amount).
SHIFT + LEFT / RIGHT ARROW	Rotate crystal about the X axis in increments of 5 degrees.
SHIFT + UP / DOWN ARROW	Rotate crystal about the Y axis in increments of 5 degrees.
SHIFT + PLUS / MINUS	Rotate crystal about the Z axis in increments of 5 degrees.

SHIFT + SPACE

Toggle selected bond species type.
Selected bond type is shown in
white.

SHIFT + F

Switch selected bond type on / off.

Holding CTRL

CTRL + PLUS

Increase the size of the selected sphere / bond type. Or increase the resolution of all spheres if the “Change Sphere Resolution” option is toggled.

CTRL + MINUS

Decrease the size of the selected sphere / bond type. Or decrease the resolution of all spheres if the “Change Sphere Resolution” option is toggled.

CTRL + O

Shortcut to open data file menu command.

CTRL + C

Shortcut to change single colour menu command.

CTRL + S

Shortcut to save image menu command.

Holding CTRL + SHIFT

CTRL + SHIFT + O	Shortcut to open coordinates file menu option.
CTRL + SHIFT + W	Translates crystal up (by a large amount).
CTRL + SHIFT + S	Translates crystal down (by a large amount).
CTRL + SHIFT + A	Translates crystal left (by a large amount).
CTRL + SHIFT + D	Translates crystal right (by a large amount).
CTRL + SHIFT + Z	Zoom in (by a large amount).
CTRL + SHIFT + X	Zoom out (by a large amount).
CTRL + SHIFT + LEFT / RIGHT ARROW	Rotate crystal about the X axis in increments of 45 degrees.
CTRL + SHIFT + UP / DOWN ARROW	Rotate crystal about the Y axis in increments of 45 degrees.
CTRL + SHIFT + PLUS / MINUS	Rotate crystal about the Z axis in increments of 45 degrees.
CTRL + SHIFT + J	Move far screen buffer closer.
CTRL + SHIFT + K	Move far screen buffer further away.
CTRL + SHIFT + N	Move near screen buffer closer.
CTRL + SHIFT + M	Move near screen buffer further away.
CTRL + SHIFT + P	Toggle points mode on / off.

CTRL + SHIFT + R	Reset view to starting point.
CTRL + SHIFT + U	Switch between the last 2 drawing modes used.
CTRL + SHIFT + SPACE	Deselect all species.
CTRL + SHIFT + F	Set all species display status to on.
CTRL + SHIFT + G	Set all species display status to off.
