

Visualisation

New tools being developed at Birmingham aim to create intuitive and interactive visualisation and synthetic environments, with applications from defence and surgical training to large scale modelling of marine environments.

On an entirely different spatial scale are the unique visualisation tools created at Birmingham for investigating collision events in particle physics, with physicists seeking to visualise the elusive Higgs boson. Examples of obtaining new insights using advanced high technology visualisation tools are shown for research archaeology and metal casting.

- [The Interactive Visualisation and synthetic environments \(/research/activity/crni/projects/visualisation/interactive-visualisation-synthetic-environments.aspx\)](/research/activity/crni/projects/visualisation/interactive-visualisation-synthetic-environments.aspx)
- [Atlantis \(/research/activity/crni/projects/visualisation/atlantis.aspx\)](/research/activity/crni/projects/visualisation/atlantis.aspx)
- [Advanced Imaging & Visualisation technologies in archaeology \(/research/activity/crni/projects/visualisation/advanced-imaging-visualisation-technologies-archaeology.aspx\)](/research/activity/crni/projects/visualisation/advanced-imaging-visualisation-technologies-archaeology.aspx)
- [Visualisation in casting research \(/research/activity/crni/projects/visualisation/visualisation-casting-research.aspx\)](/research/activity/crni/projects/visualisation/visualisation-casting-research.aspx)