

**Visualization** results of a **Diffpack 3D** simulation of electrical potential depolarization in human heart, by **Dr. Xing Cai**, Simula Research Laboratory, **University of Oslo**. Initially, the whole heart has a resting potential of -85mv, except for a small area in the middle which has received an electrical stimulation. This stimulation causes the tissue at that location to depolarize and affect the neighboring tissue. Subsequently, more and more tissue is depolarized, as can be seen that the isosurface of the potential spreads throughout the entire heart. The visualization used **VTK**, generating a **VRML** file, which was then converted to **PDF** using **PDF3D-SDK** ( <http://www.pdf3d.co.uk> ) from **Visual Technology Services**.