

Serpent is a three-dimensional continuous-energy Monte Carlo reactor physics burn-up calculation code, developed at the VTT Technical Research Centre of Finland since 2004. The code facilitates reactor physics, group constant generation, fuel depletion and coupled multi-physics calculations. It is currently used at 109 universities and research organizations in 28 countries around the world, and distributed by RSICC and the OECD/NEA Data Bank. This 4th Annual Users' Group Meeting will provide a general overview of the methods and capabilities of the Serpent code and plans for future development. In addition, all Serpent users are invited to present their work and share experience with the user community.