## Velocity in x-direction for cell (3,3,z), wall-velocity=1.0 Lattice-Boltzmann CFD $z_i dx = 0$ $z_i dx = 1$ 0.6 0.4 0.0 velocity 0.0 – 0.2 -0.4 -0.6 -0.8 20 40 60 80 100 Iteration 1.0 0.8 0.6 0.4 0.2 -0.0 <del>+</del> 0.0 0.2 0.6 0.4 0.8 1.0 1.0 0.8 0.6 0.4 0.2 0.0 + 0.0 0.2 0.4 0.6 0.8 1.0 1.0 0.8 0.6 0.4 -0.2 -0.0 <del>+</del> 0.0 0.2 0.4 0.6 0.8 1.0