



MODEL CONFIGURATION

- Grid: 512×512
- Backend: CUDA (GPU)

Equation: $\nabla^2 P = 0$ (Laplace)

Boundary Conditions:

- $P = 1.0$ (arteries)
- $P = 0.0$ (veins)
- $\nabla P \cdot n = 0$ (Neumann)

Growth Prob.:
 $p_i \propto |\nabla P|^{1.5}$

Statistics:

- Iterations: 112266
- Vessels: 112276
- Fraction: 42.83%
- Time: 6515.61s
- Speed: 17 iter/s

References:

- Niemeyer et al. (1984)
- Fleury & Schwartz (1999)