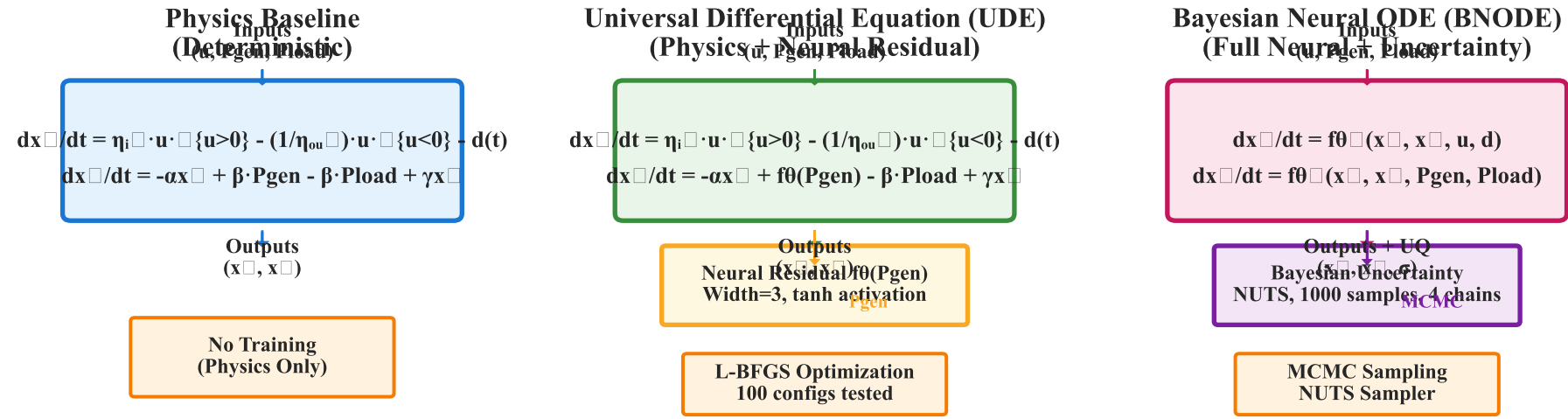


Physics-Grounded Neural Surrogates: Mathematical Framework & Training Architecture



Mathematical Framework & Training Comparison



Performance & Uncertainty Trade-offs

