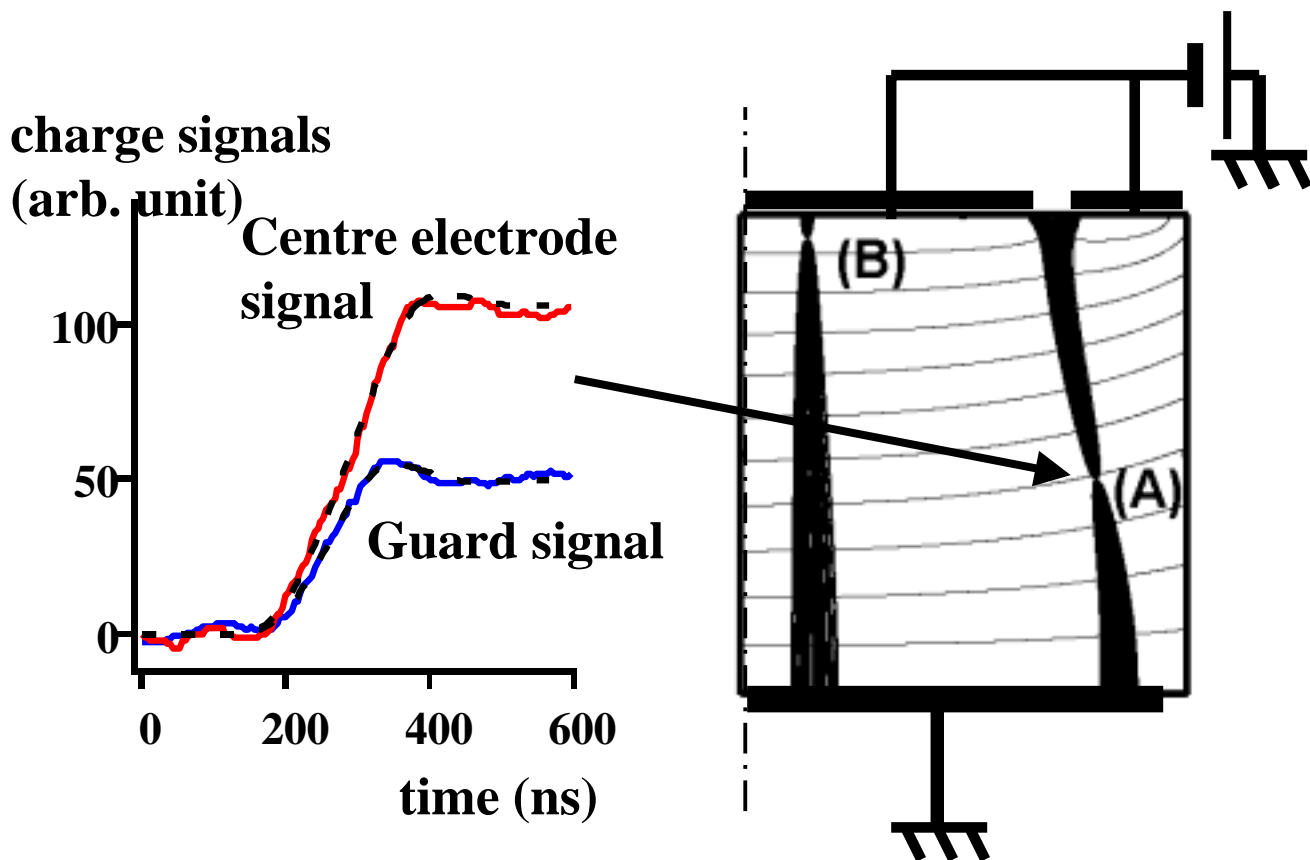


A SIMULATION CODE FOR THE IONIZATION AND HEAT SIGNALS IN LOW-TEMPERATURE Ge DETECTORS FOR DARK MATTER SEARCH

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The physics of charge collection:
model, experiment, simulation



— } Charge signals for a 122 keV γ event,
— } showing charge division between centre
— } and guard electrodes

- - - } Signal simulations including free carrier
- - - } Coulomb interactions