## Modeling of Pulsed Electric Field for Liquid Food Processing using Simulation Methods

## <u>Abstract</u>

in this work, proposed model is presented to predict the temperature rise of liquid food under using pulsed electric field. The model is solved by finite elements technique to calculate heat generated in the tested liquid food. The distribution of predicted temperature will be estimated under constant of different velocities of inlet flow. The results is verified by comparing with measured results and show acceptable accuracy.