Simulation output

For each simulation run, a new output folder is created in the simulation output folder. The created folder has the name of the input file. In addition date-time is added to the folder name if the option is selected in Options→Expert settings of nextnanomat (this option is recommended in order to avoid overwritten existing output data). The created output folder contains:

- the **input file** (.xml) and the **material database** (.xml).
- a folder '**Input**' which gives material parameters used in the calculation.
- a folder **Strain** (only if the strain option is activated).
- a folder **Polarization** if pyroelectric and/or piezoelectric effects are considered.
- a folder '**Init_Electron_Modes**' where the results of the initial Schrödinger solution is reported.
- a **folder for each parameter step**. In particular, in case of voltage sweep, the name of the folder is the potential drop per period.
- Several files related to the sweep made. For a voltage sweep, it contains plots of physical quantities (current, gain,...) as a function of the applied voltage.
- a **log file** is created at the end of the simulation, containing all the information displayed during the simulation.