- Dec 18, 2017 Improved model b9eb06f16361be5697c555f204de0ab6ca675cdc
  - Add comments for the model code
  - Implement `write_coeff` and `load_coeff` which write/load model coefficients to init_model.cxx
  - Implement dump data which dumps model training records to src/shared/data (each file is named after model name)
  - Implement plot_model.py which takes a file as command line argument and plots actual runtime against estimated runtime and also the difference pattern

- Jan 28, 2018 Further improvement on model facility functions f50f0a32455f8074fa11502fbee74490808c4192
  - Add command line flag to enable user to choose to invoke `write_coeff`, `load_coeff`, and `dump_data`

- Feb 26, 2018 performance_model update 3e951fce3e4902b1e83425b8f3d7aca54f7bd5ac
  - Enable user to change coeff file path by defining the environment variable `FILE_PATH`
  - Enable user to change model data dump directory by defining environment variable `MODEL_DATA_DIR`

- Apr 2, 2018 refine should_observe 1c1d6977421afff509a115ed3205f876ed54faeb
  - Implement model switch, which skip execution of certain code block when the model is turned off
  - Add `should_observe` function to all possible places that `observe` is invoked

- Apr 9, 2018 add incremental training code e3c0e735889ca5fededd80e36edbca3fa345fc84
  - Add incremental training code which split the training process into 5 stages with increasing step size. Models are determined to be turned off at the end of each training stage

- Apr 23, 2018 change step size ceebe432c422e9116febac4e7e52c238dc0a8d64
  - Turn on/off model inside `update` to address deadlock upon training
  - Change step size jump to a smaller amount

- Apr 24, 2018 fix deadlock 7ab2ef5b190ca2fe72356de0f430dd015b5f7a1c
  - Change the communicator to `MPI_COMM_WORLD` for `update_all_models` to prevent deadlock upon training

- May 5, 2018 fix plot 654586f0857ec9cd856bdc323adbceb06c52c087
  - `write_coeff` handles the case of multi-process training
  - Implement training script
  - Fix `plot_model.py` by using `Agg` for matplotlib

- May 18, 2018 parametrized dtime increase afdb6b038e053c2d1b564651bc82b0fef0472f71
  - Implement geometric series training (i.e. assgin different processes to different groups and train models using various number of processes in one run)
  - Adjust dtime for each iteration and parameterize the multiply factor on increment of dtime for each iteration