Task:

* Problem Specification
* Mathematical formulation/model
* (Numerical - Parallel) Algorithm/Method/Approach
* Implement/Experiment
* Simulation
* Report (~ 10 pages) presents: Problem, Algorithm, Parallel design, Result
* Presentation (15 minutes)

Note:

* Submitting documents: 1) Report, 2) Slide, 3) C code, 4) Parallel code, 5) Readme (Intro how to run C code and Parallel code) . Submit in 1 file zip/tar, named as:

GroupNumber\_Problem\_ParallelModel

E.g.: Group1\_GauSeidelIterative\_CUDA

* Different groups can choose the same problem, but the problem conditions or the data or the methods are different
* Students can refer to any other documents/models/methods than the attached documents
* Students have to design their own parallel algorithms and implement each code line. Do not use existing libraries