LAB 04: CONCORRÊNCIA E PARALELISMO (11158)

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- ♦ We experimented with running the Monte Carlo simulation in parallel using OpenMP
- ♦ Profiling of programmes.
 Using tools such as perf, pprof, gprof
- Created textual or diagrammatic visualisations Upload results to Piazza



- ♦ The Game of Life was created by John Conway in 1970
- ⋄ The game is zero-player: its evolution is determined by its initial state
- It is Turing Complete: any algorithm can be computed using it
- ♦ Good resource: https://en.wikipedia.org/wiki/Conway's Game of Life

THIS WEEK: GAME OF LIFE

- We will use OpenMP to write a concurrent implementation of the Game of Life
- ♦ Assignment PDF: https://github.com/MEI-CP/lab-assignments/
- Remember: it is important to analyse performance of your solution
- Try to understand why you get certain results

Next week, we will continue developing our understanding of OpenMP and performance monitoring

Remember: My office hours are 14:00-16:30 on Tuesdays (P2:17)

See you next week!