Contribution ID: **32**   Type: **Lecture**

K.I.S.S. Parallel Coding (lecture 1)

Wednesday 7 March 2018 10:00 (1 hour)

A simple yet powerful introduction to parallel computing

K.I.S.S.ing parallel computing means gently approaching for the first time the powerful tool of parallel coding and execution.
K.I.S.S.ing parallel computing also means keeping it simple.
K.I.S.S.ing parallel computing means, finally, loving it.

Parallel computing will be approached in a theoretical and experimental way, using the most advanced and used C API: OpenMP. OpenMP is an open source project constantly developed and updated to hide the awful complexity of parallel coding in an awesome interface. The result is a tool which leaves plenty of space for clever solutions and terrific results in terms of efficiency and performance maximisation.

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