



Computational Science

*Usare i computer per simulare il mondo,
domandandosi «cosa succederebbe se...»?*

Booth: Coffee with science and milk

(USI 10 Years Anniversary Activities)

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Inventory: 20"+ display, desk (2-person class desk size), desk stand for A2 poster with annotation, GPU-equipped PC with wireless adapter and display connection cable, Android touchpad, sample GPU card.

The booth intends to introduce general audience into the basics of fluid dynamics. Interactive computer model simulates the behavior of non-reactive substance injected into the fluid by example of coffee and milk. The fluid is visualized on large wall display and small touchscreen. Initially the simulated substance is in steady state. Attendees are invited to introduce external force into the model by sliding the touchscreen, e.g. a spoon mixing gesture. In response, the model shall visualize the changing fluid state.

