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Brain Development Simulation, 300x Faster [1]

Intel [2]
Link:
Brain Development Simulation, 300x Faster [3]
Thursday, 6 July, 2017
All human beings start their life as a single cell. As this cell divides, daughter cells can move and produce substances. These processes guide future generations of cells into differentiation and tissue formation. Out come the beating heart, the restless legs, the dextrous hands, and the inquisitive brain. The processes of cell division, proliferation, metabolism, differentiation, and clustering are complex. If something goes wrong due to genetic or biochemical factors, neurodevelopmental disorders arise. To quantify these processes is to get closer to treating diseases such as epilepsy, autism, and schizophrenia.
Brain Development Simulation, 300x Faster _ Intel® Software.pdf [4]
Phase:
openlab phase V [5]
Technical area:
Data Acquisition (online) [6]
Computing Platforms (offline) [7]

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Links
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[3] https://software.intel.com/en-us/blogs/2017/07/06/brain-development-simulation-300x-faster
[4] http://test-static-05.web.cern.ch/sites/test-static-05.web.cern.ch/files/spotlights/2017/Brain%20Development%20Simulation%2C%20300x%20Faster%20_%20Intel%
[5] http://test-static-05.web.cern.ch/about/phase-v
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