

ENF 2007 - Emulating the Mind

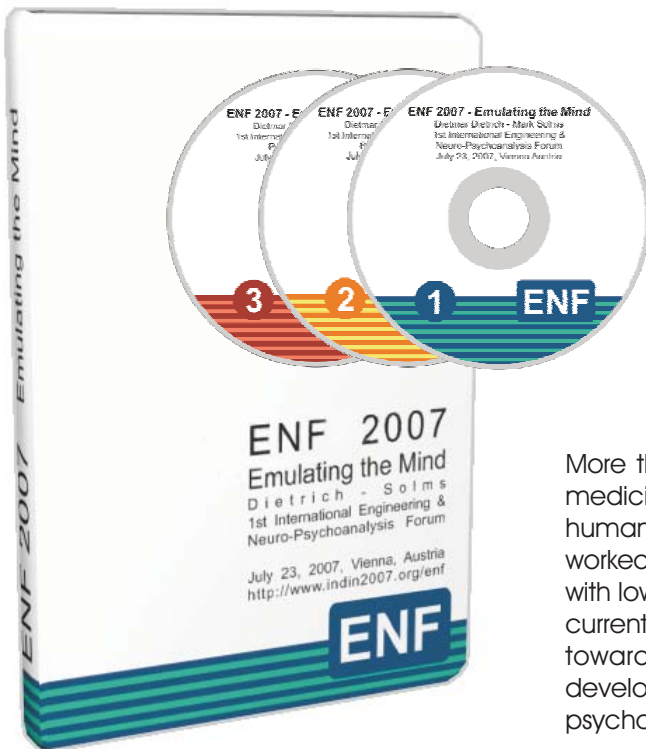
July 23, 2007, Vienna, Austria

With the advent of ubiquitous computing, the complexity of systems in several fields, including building and industrial automation, has increased exponentially over the past decade. The number of intelligent network nodes occurring in such systems is likely to increase to several million in the foreseeable future. In order to enhance the services and cognitive capabilities of these systems, Artificial Intelligence must radically increase the levels of abstraction – something that is not feasible with currently available tools.

More than 100 years ago Sigmund Freud revolutionized the fields of medicine and psychology with his scientific understanding of the human mind. During the past decade neuro-psychoanalysts have worked on integrating the highly abstract concepts of psychoanalysis with lower levels of abstraction in the neurosciences. At the same time current developments in the field of computer sciences were heading towards ever higher levels of abstraction. These concurring developments give rise to the idea that engineers could use psychoanalytic concepts for machine thinking systems.

With the kind support of our sponsor, Siemens, we were able to record all the proceedings, including the parallel discussion sessions. The DVD box, available for 60 EUR (excl. shipping), gives you the opportunity to view and/or review this intense day and work through the informative presentations and discussions.

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