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Computer modeling and simulation of complex technical and manufacturing systems.

Prof. Yu. B. Senichenkov, National Simulation Society & State Saint Petersburg Polytechnical University.

Computer models of complex technical and manufacturing systems are large scale hierarchical event driven component models as a rule. They are traditionally used for comprehensive study of a body of interest during designing or following. It is begin widely employed so called "technology of executable specifications" side by traditional way of modeling and simulation in recent years. This technology is most effective for developing applications in which computer model is used as an embedded component of (even real time) software or hardware-software complexes.

It is impossible not using modern graphical environments for modeling and simulation under severe competition and time handicap in both cases.

Preferential items for discussion:

- 1. Large scale computer models of complex technical and manufacturing systems. Theory and practice: simulators, education, on-line process systems.
- 2. Using graphical environments for modeling and simulation complex technical and manufacturing systems. Tools, computer experiments, application libraries, executable specifications technologies.