



International online conference

# Digitalization of industrial thermal processes and units



11:05

## Section 2: Digital twin of production (Big Data)

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### Virtual Commissioning



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Virtual Commissioning or virtual putting into operation is a generic term for a complex of software solutions which allows creating highly-accurate digital twins for technical processes, for DCS, SCADA and HMI systems, both at local and global levels.

The created digital twins are universal and can be used by engineers of various disciplines to carry out the virtual tests of DCS, for optimization of some element/mechanism/process/logical link, assessment of ergonomics, prevention of emergency scenarios, associated with errors while programming systems of automatic control, as well as for personnel training. This, therefore, leads to the significant saving of costs and time at all stages of engineering and commissioning.

There may be changes in the time schedule.  
See the current information on the [website](#)

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