

Service name:	Calculation and optimization of heat exchangers
Service description:	<ul style="list-style-type: none"> • Creation of a mathematical model or integration of an existing mathematical model into the Engineering Equation Solver (EES) software package. • Calculation of operating parameters of heat exchangers under real conditions and enabling analysis and testing of different variants and parameters. • The service includes optimization of operating parameters and geometrical characteristics of the heat exchanger for the desired properties and given constraints. • The final product of this service is a report with detailed information about the mathematical model, simulation results and recommendations for optimization of the heat exchanger parameters, including the EES code, if required.
Webpage:	
Manager/ Coordinator:	Dr. sc. Antun Barac Dr. sc. Mario Holik, Assistant Professor
Associates:	
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Price:	Available on request
Additional remarks:	It is also possible to request a mathematical model, calculation and optimization of other energy systems and processes.