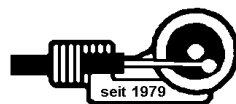
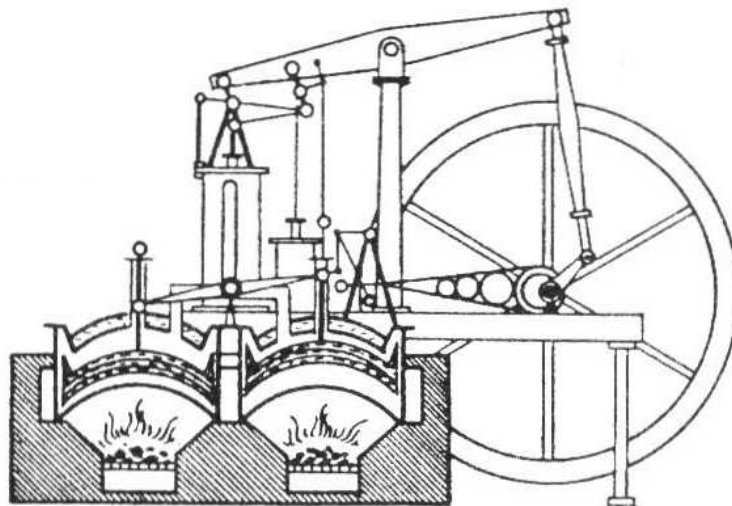


# Die Entwicklung der Heißluftmaschine

von

Ivo Kolin, Professor für Thermodynamik  
ins Deutsche übersetzt von Dr. C. Förster



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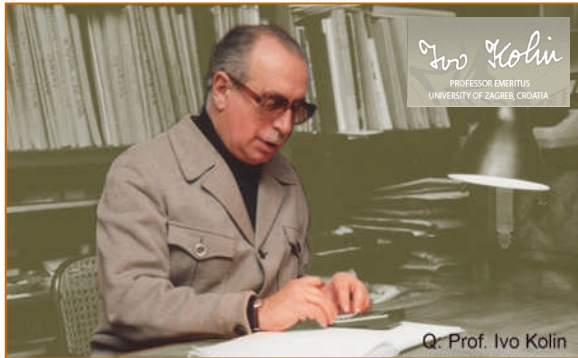
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# Kolin

## Die Entwicklung der Heißluftmaschine

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### Biography

Ivo Kolin was born in Zagreb on September 23rd, 1924 and finished the Nautical Academy in Dubrovnik in 1944. He graduated from the Faculty of Economy in 1949 and from the Faculty of Mechanical Engineering and Naval Architecture in 1955, both at the University of Zagreb.

Ivo Kolin started his scientific career as an Assistant Professor at the Faculty of Technology in Zagreb,

and later on was a Full Professor at the Faculty of Mining, Geology and Petroleum Engineering, where he was retired as Professor emeritus. His first two books were 'Thermodynamics Atlas I' (1967) and 'Evolution of the heat engines' (1972), both published by Longmans, London. The second book was reprinted in 1998 by Morya-Press (USA). As he was researching the evolution of heat engines, he designed and built a collection of 54 heat engine models based on the original drawings. This unique collection is now permanently exhibited at the Technical Museum in Zagreb.

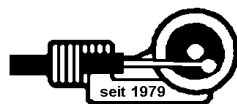
### His research on the Stirling engine

His research on the Stirling thermodynamic cycle resulted in the invention of Stirling motor with flat plate heat exchangers. This new thermodynamic concept enables utilization of the moderate temperature renewable energies readily available, like the solar heat, geothermal hot water or the industrial waste heat. He described his new principle in two books on Stirling engines, published by the University of Zagreb in 1983 and 1991.

### Last years of his life

Last years of his life he devoted to the historical significances of Dubrovnik and peninsula Peljesac, published in a form of the original tourist guides. He also presented a second edition of his father's book Jedrenjaci (Sailing ships) with more than 50 new stories told by captains from Peljesac Riviera. Ivo Kolin passed away in January 2007, shortly after publishing his fifth book "Energy and Gross National Product".

*More information: see [www.ivokolin.com/info/biography](http://www.ivokolin.com/info/biography)*



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