



## **Vabilo na predavanje**

### **Self-Organization - from Nature to Design and Manufacture**

#### **Professor Zvi Katz**

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#### **Vsebina:**

The Seminar attempts to present the basic concept of self-organization based on biological behaviours and explains some aspects of engineering, design and manufacture related to potential applications and implementation of self-organization in design of complex manufacturing systems.

Prof. dr. Jožef Duhovnik  
DEKAN

Ljubljana, 1.6.2009

**O predavatelju:**



## **DR ZVI KATZ**

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Professor Zvi KATZ has graduated with a Bachelor of Science in Mechanical Engineering from the TECHNION, Israel Institute of Technology and received his M Sc and Doctorate from the same Institution.

His academic career spans over 35 years with main research interests in the wide area of Manufacturing, with emphasis on manufacturing processes and systems, robotics, intelligent manufacturing and design aspects of emerging manufacturing systems.

He served as Head of department and Dean of Engineering at University of Natal in South Africa and for the last 15 years he holds the Morris Gillman Chair in Manufacturing at University of Johannesburg. He held appointments of Visiting Professor at 13 Universities in the USA. He has supervised over 55 Master and PhD students, published widely and serves on numerous editorial boards of, and as reviewer for many International Journals.

He is a member of several professional institution and Fellow of CIRP and SME.