

Slovenian Festival of Knowledge
UM-FL Celje, 2009 september 16th

Abstract for workshop

„Laboratory of LEGOstics”
development of innovative learning by doing production logistics laboratory activities

Production logistics has critical role also in manufacturing and in the extended modern supply chains.

The wide variety of products, the challenges of fluctuating demand, the appropriate inventory management and the application of modern production strategies requires flexible innovative thinking and special management skills from experts to construct and manage an effective and well-balanced manufacturing process and supply network.

The learning-by-doing method, based on personal experience (dialectic approach) is able to help in the education and training to get this innovative and cooperative skills.

Our „virtual factory” with the application of a LEGO TECHNIC 8290 Forklift Model could provide attractive environment for these purposes.



At the workshop group participants will get the experiences from different approaches: the classical LEGO construction process is based on step-by-step directions, the other methods are teamwork, continuous flow, cell manufacturing, etc. in according to modern production logistics theories (LEGOstics viewpoints).

The final product of the workshop group will be a demonstration „plotting board” for the other participants of the Festival to make competition and get the skills on „instant” and „play-based” ways. (Full documentation – notes, syllabuses, posters, videos – prepared by the participants will be also included).

The time schedule is flexible, this is a continuous improvement process.

The workshop is an integral part of the Slovenian festival knowledge ([www.inovaconsulting.org / sfk](http://www.inovaconsulting.org/sfk)) organized in collaboration with the Department of Logistics and Forwarding (Széchenyi University, Győr-Hungary).

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