



## EVENT

**IX GALA of LOGISTICS** – Public presentation of student projects performed for companies in the Wielkopolska region: Raben, Solaris Bus & Coach, Ster, Promag, Trioline, Terravita, Logisystem, Vinylpex, Unilever.

## GOALS

- Implementation of modern technologies (high technology) into business life.
- Establish a permanent cooperation between the Department of Management Engineering (Poznan University of Technology) and companies in the Wielkopolska region in the effective use of simulation to solve complex business problems.
- Presentation of student teams - future employees in Wielkopolska's enterprises.

## WIN-WIN COLLABORATION

- **Students** have the opportunity to see how industry works and gain practical experience.
- **Companies** receive technical support, try new technologies without considerable investment, and are introduced to potential employees.
- **Wielkopolska region** increases business productivity and attracts new investments and talented people.

## PLACE

Centrum Wykładowe Politechniki Poznańskiej, Poznań ul. Piotrowo 2, Aula Magna

## DATE

7 June 2018 (Thursday), beginning at 16:00

## INVITATION

- Process engineers, senior staff, middle- and upper-level management responsible for the design and improvement of business processes.
- Companies interested in using simulation and optimization to improve processes.
- Current and future students of logistics.
- Anyone interested in the area of logistics.










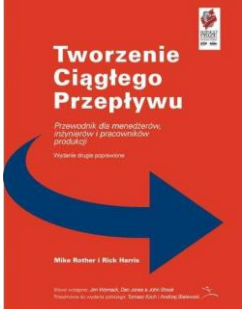




## ORGANIZERS

**Faculty of Management Engineering, Poznan University of Technology**  
**SOCILAPP Simulation and Optimization Center in Logistics and Production Processes, Poznan University of Technology** ([socilapp@put.poznan.pl](mailto:socilapp@put.poznan.pl))

## CONTACT

dr hab. inż. Paweł Pawlewski - Professor of Poznan University of Technology  
phone number: 507 037 708  
e-mail: [pawel.pawlewski@put.poznan.pl](mailto:pawel.pawlewski@put.poznan.pl)

**LIST OF PROJECTS**

Logo of student team	Logo of Company	Project topics
 TOP TEN COMPANY		<p><i>The optimization of storage space - elimination of exploitation the remoted warehouse from the main warehouse with simultaneous exploitation improvement in the area of the main warehouse and adjoining space.</i></p>
	 Unilever	<p><i>Mapping storage places to optimize transport on the assumption maximum line efficiency.</i></p>
 REDCAP LOGISTICS		<p><i>Improvement of MAGS sofa production process with LogABS technology</i></p>
 PRO LOGIS	 KOMPANIA PIWOWARSKA	<p><i>The project of the new layout and the organization of processes in the brewery's finished goods warehouses</i></p>
		<p><i>Simulation of the production processes in the Apex company based on "Creating continuous flow" by Mike Rother and Rick Harris using Flexsim and LogABS.</i></p>
		<p><i>Assembly process simulation of low rotating product at Trio Line.</i></p>
 POLIGHT		<p><i>Optimization of efficiency parameters in order picking process.</i></p>

		<p><i>Improvement of information and material flow in the upholstery department, which allows efficient production of planned orders in Ster sp. z.o.o.</i></p>
		<p><i>Projection and analysis of the load of production workers in the conditions of the simulation model.</i></p>
		<p><i>Improving the use of knitting machines and operators' working time to reduce the impact of machine failures on production efficiency.</i></p>
		<p><i>Comparison of the efficiency of stock replenishment of drive rack channels in two variants using the automatic shuttle truck AutoMAG</i></p>
		<p><i>Comparison of manual and automatic picking in a simulation model</i></p>
		<p><i>Inventory optimization of materials for production in Solaris Bus and Coach S.A.</i></p>
		<p><i>Improvement and standardization material flow at the assembly department.</i></p>