

McLeod Institute of Simulation Sciences - POLAND

MISS annual report: Bialystok Technical University,

Faculty of Computer Science

Bialystok, POLAND Sept 2003 -- June 2004

The MISS satellite center at Bialystok applies to become a full MISS center. Approval has been granted and resources pledged by the Rector of the University Prof. Dr. Boltryk and the Dean of the faculty of computer science Prof. Dr. Bobrowski.

This last year has seen a lot of activity at the Bialystok MISS center and the high lights are as follows:

A simulation high level interface has been developed that produces GPSS/H source code as its output by Mr. Kajetan Bojko working with Prof. Dr. Huntsinger.

Four masters degree students developed a simulation package for the simulation of the operation of local government agencies working with Prof. Dr. Huntsinger.

As a visitor to the Bialystok MISS center, Prof. Dr. Huntsinger taught a 5th year course in Continuous Systems Simulation Languages and Applications.

Dr. Walenty Oniszczyk developed a theoretical queuing theory analysis on: Blocking Strategies and Quality of Service Requirements in Computer Networks.

Anna Borowska, Dr. Wiktor Danko, and Joanna Karbowska-Chilinska developed Probabilistic Algorithms for Tools for modeling stochastic processes.

The new administration of the Bialystok Technical University MISS Center is as follows:

Center Co-Directors:

Prof. Dr. Leon Bobrowski

Leon@ii.pb.bialystok.pl

Prof. Dr. Ralph C. Huntsinger

Drralph@ii.pb.bialystok.pl

MISS Center Associate Directors:

Dr. Zenon Sosnowski

Zenon@ii.pb.bialystok.pl

Dr. Walenty Oniszczyk

Walenty@ii.pb.bialystok.pl

In addition MISS Bialystok has cooperated with the Polish MISS center in Warsaw directed by Prof. Dr. Roman Bogacz rbogacz@ippt.gov.pl

The Warsaw center under Prof. Dr. Bogacz has been very active in the simulation of transportation systems and his MISS group has published several papers on the continuous systems simulation of the dynamics of railroad car systems.

The MISS center at Bialystok and the Warsaw MISS center sponsored and organized the annual technical meeting of the Polish Society of Computer Simulation.

Report submitted by: R. Huntsinger and L. Bobrowski