



Technical University of Lodz

Institute of Electronics

PROPOSAL OF THESIS TOPIC FOR MGR INŻ. (MSE) PROGRAMME IN TELECOMMUNICATIONS AND COMPUTER SCIENCE

1. Topic:

Implementation of selected image processing methods for DirectShow video processing

2. Supervisor: Piotr M. Szczypiński

4. Goals and scope of the work:

Implementation of various methods for image processing (based on OpenCV library) in a form of DS filters.

5. Prerequisites (e.g. experience in writing programs in a computer language or knowledge of a foreign language):

Basic knowledge of image processing methods,

C/C++ programming abilities or will to learn, reliability

6. Literature:

<http://en.wikipedia.org/wiki/DirectShow>

<http://msdn.microsoft.com/en-us/library/ms783323.aspx>

<http://en.wikipedia.org/wiki/OpenCV>

<http://opencv.willowgarage.com/wiki/>

Additional will be also provided by the supervisor

Lódź, 2009-06-01

Supervisor's signature

THESIS TOPIC SELECTION ACKNOWLEDGMENT

Student's name: _____ Student's ID _____

Faculty: _____

Main subject/major/module: _____

Date and student's signature

Supervisor's signature



Institute of Electronics

PL90-924 Lodz, Wolczanska 211/215, Poland

tel. (+48) 42 636 00 65, (+48) 42 631 26 26, fax (+48) 42 636 22 38, e-mail: ie@p.lodz.pl, www.eletel.p.lodz.pl

VAT No. PL727-002-18-95