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://en.wikipedia.org/wiki/OpenCV
http://opencv.willowgarage.com/wiki/

Additional will be also provided by the supervisor

Łódź, 2009-06-01                              Supervisor’s signature

THESIS TOPIC SELECTION ACKNOWLEDGMENT

Student’s name: ________________________________ Student’s ID ___________

Faculty: _______________________________

Main subject/major/module: ___________________________________________________