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

1. Topic: Image feature vectors analysis for differentiation of gastro-intestinal tract’s sections

2. Supervisor: Piotr M. Szczypiński

3. Auxiliary supervisor:

4. Goals and scope of the work:
   Research is to compare discriminative ability of features generated by image analysis software. The features are texture, color and motion descriptive. Goal is to select features that are able to differentiate sections of gastro-intestinal tract.

5. Prerequisites (e.g. experience in writing programs in a computer language or knowledge of a foreign language):
   basic knowledge of image processing methods, reliability

6. Literature:
   will be 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: ___________________________

Date and student’s signature

Supervisor’s signature

Institute of Electronics

PL90-924 Łódź, Wolczanska 211/215, Poland
tel. (+48) 42 636 00 65, (+48) 42 631 26 26, fax (+48) 42 636 23 30, e-mail: ie@p.lodz.pl, www.eletel.p.lodz.pl

VAT No. PL727-002-18-95