

TECHNOLOGICAL EDUCATION INSTITUTE OF PIRAEUS

Department of Electronics Engineering

Involvement in Internal Funding (TEIPIR) Research and Development Projects Years 2000-2011

1. “Digital Processing and Recognition of speech Signals”, *tender*: Dept. of Electronics Eng., TEI Piraeus, *funding*: TEI Piraeus Research Center, Internal Research Program, (2000). Project leader: Maria Rangoussi, research engineers: Savvas Vasiliadis, Kleanthis Prekas.
2. “Non-linear processing and classification of Electroencephalograms”, *tender*: Dept. of Electronics Eng., TEI Piraeus, *funding*: TEI Piraeus Research Center, Internal Research Program, (2000). Project leader: Kleanthis Prekas, research engineers: Savvas Vasiliadis, Maria Rangoussi.
3. “DSP methods applied as a non-destructive alternative in the analysis of fabrics”, *tender*: Dept. of Electronics Eng., TEI Piraeus, *funding*: TEI Piraeus Research Center, Internal Research Program, (2001). Project leader: Savvas Vasiliadis, research engineers: Kleanthis Prekas, Maria Rangoussi.
4. “Conduction of evaluation measurements for electroacoustic devices operating in very high noise environment” (applied research project), Contracting entities: Technological Research Center ("KTE") of TEI of Piraeus, Intracom Defense Electronics, funding (total budget 12,000.00 euro): Intracom Defense Electronics S.A. Research project leader: Stelios M. Potirakis.
5. “Conduction of acoustic and electroacoustic measurements” (applied research project), Contracting entities: Technological Research Center ("KTE") of TEI of Piraeus, Intracom Defense Electronics, funding (total budget 4,000.00 euro): Intracom Defense Electronics S.A. Research project leader: Stelios M. Potirakis.
6. “Conduction of acoustic and electroacoustic measurements” (applied research project), Contracting entities: Technological Research Center ("KTE") of TEI of Piraeus, Intracom Defense Electronics, funding (total budget 1,500.00 euro): Intracom Defense Electronics S.A.. Research project leader: Stelios M. Potirakis.
7. “Active crossover circuits for loudspeakers: alternative technologies and time-frequency analysis”, *tender*: Dept. of Electronics Eng., TEI Piraeus, *funding*: TEI Piraeus Research Center, Internal Research Program, (2009-10). Budget: 2,200 euro. Research project leader: Maria Rangoussi, research engineers: Efstathios Kyriakis-Bitzaros, Stelios M. Potirakis.
8. “Electromagnetic simulation of micro-cavity phenomena in multilayered light detection devices”, *tender*: Dept. of Electronics Eng., TEI Piraeus, *funding*: TEI Piraeus Research Center, Internal Research Program, (2009-10). Budget: 2,200 euro. Research project leader: Nikolaos Stathopoulos, research engineers: Stylianos Savvaidis, Stefan Yesayan.