

TECHNOLOGICAL EDUCATION INSTITUTE OF PIRAEUS

Department of Electronics Engineering

Involvement in EU-funded Research and Development Projects Years 2000-2011

Call FP6 IST (EU)

1. “VEMUS (Virtual European Music School),” *coordinator*: Institute for Language and Speech Processing (ILSP), Research & Innovation Centre “Athena”, Greece, *funding*: E.U., framework FP6-IST-4-027952 (10/2005 – 10/2008). Budget: 1.81 million euro (total budget). Research engineer for Dept. of Electronics, TEI Piraeus: Maria Rangoussi.

European Space Agency Call, 2011.

2. “Flexible Galileo/GPS Textile Antennas”, *coordinator*: Dept. of Electronics Eng., TEI of Piraeus, *partners*: Textile and Fibre Technological Development Company (CLOTEFI S.A.) and Costas Siamidis S.A., *funding*: European Space Agency, Announcement of Opportunity AO/1648/10/NL/CBi, 3rd Call for Outline Proposals Under the Greek Industry Incentive Scheme– submitted 2/2011, not funded. Budget: 180,000 euro (total budget). Project leader for TEI Piraeus: Stylianos Savaidis, research engineers: Nikolaos Stathopoulos, Efstathios Kyriakis-Bitzaros, Savvas Vassiliadis, Stylianos Mitilineos.

Calls FP7 SECURITY / NMP / IN.CO. / TRANSPORT (EU)

3. “SENS-ERA: Strengthening sensor research links between the Georgian Technical University and the European Research Area,” *coordinator*: Georgian Technical University (GTU), *partners*: Cranfield University, UK, Dept. of Electronics Eng., TEI Piraeus, Intelligentsia Consultants Ltd., Luxembourg, *funding*: E.U., **FP7-INCO-2011-6.1**, ERA WIDE – submitted 3/2011, selected for funding 8/2011. Budget: 693,000 euro (total budget). Project leader for TEI Piraeus: Maria Rangoussi, research engineers: Panayiotis Yannakopoulos, Nikolaos Stathopoulos, Demetrios Tseles, Hercules Simos, Demetrios Metafas.
4. “SAVELEC: Safe control of non cooperative vehicles through electromagnetic means”, *coordinator*: Institute of the Technological Applications through Advanced Communications (ITACA), Polytechnic University of Valencia *partners*: Deutsches Zentrum Fuer Luft - und raumfahrt, MBDA France S.A, IMST Gmbh, Technological Education Institute of Piraeus, BCB Informática y Control S.L, Statens Vag-Och Transportforskningsinstitut, Otoo-Vov-Guericke-Universität Magdeburg, Akadémia ozbrojených síl gen. M.R. Štefánika, Hellenic Aerospace Industry SA, *funding*: EU **FP7-SEC-2011.1.4-2**: Innovative techniques for safe external control of non cooperative vehicles – Capability Project.– submitted 12/2010, selected for funding 8/2011. Budget: 3.395.416euro (total budget). Project leader for TEI Piraeus: Stylianos Savaidis, research engineers: Nikolaos Stathopoulos, Stelios Mitilineos, Kleantes Prekas, Stelios M. Potirakis, Maria Rangoussi, Efstathios Kyriakis-Bitzaros, Savvas Vasiliadis, Charalampos Patrikakis.
5. “GAMETEX: Novel chromatic textiles for the sports and entertainment industries,” *coordinator*: Danish Technological Institute (DTI), *partners*: Dept. of Electronics Eng., TEI Piraeus, Institut für Textil technik, RWTH Aachen (ITA-RWTH), Germany, D’ Appolonia S.p.A. Industrial Innovation Division (DAPP), Italy, TUT Foundation (TUT), Finland, Ghent University (UGent), Belgium, Sächsisches Textil forschungsinstitut e. V. (STFI), Germany,

- Printscorpio Oy (PS), Finland, Microtex Cotton Club (MCC), Italy, Gainika SRL (GSRL), Romania, Copenhagen Paintball Arena (CPA), Denmark, Grado Zero Espace SRL (GZE), *funding*: E.U., **FP7-NMP-2012-SME-6** – submitted 11/2011. Budget: 3,769,000 euro (total budget). Project leader for TEI Piraeus: Savvas Vassiliadis, research engineers: Stylianos Potirakis, Maria Rangouss, N.-A. Tatlas.
6. “**MESMERISE**”, *coordinator*: Aalborg University, Denmark, *partners*: Dept. of Electronics Eng., TEI Piraeus, Atos Spain, S.A. , Interfusion Services Limited Cyprus, Fondazione Bruno Kessler, Italy, INOV INESC Inovação – Instituto de Novas Tecnologias Portugal, King’s College London UK, University of Greenwich UK, Deutsche Welle Germany, CTVC Ltd. UK, Peperoni Mobile & Internet Software GmbH Germany, STI International Consulting and Research GmbH Austria, Mid Sweden University Sweden, Purdue University USA, Seoul National University Korea, *funding*: E.U., **FP7-SEC-2012-1/IP** – submitted 11/2011, under evaluation. Budget: 4,682,000 euro (total budget). Project leader for TEI Piraeus: Charalampos Patrikakis, research engineers: Maria Rangoussi.
 7. “**IRENE: Increasing trustworthiness of vessel reporting systems**”, coordinator: Itaca Centro Tecnológico, Valencia, Spain, partners: Dept. of Electronics Eng., TEI Piraeus, et.al, funding: E.U., FP7-SEC-2012-1, Topic: SEC-2012.3.1-1 – submitted 11/2011, under evaluation. Budget: 2,850,387 euro (total budget). Project leader for TEI Piraeus: Stylianos Savaidis, research engineers: Stylianos Mitilineos, Nikolaos Stathopoulos, Kleantlis Prekas.
 8. “**SURFING: E-guided vessels: the 'autonomous ship'**”, coordinator: Dept. of Marine Eng., National Technical University of Athens, partners: Dept. of Electronics Eng., TEI Piraeus, et.al, funding: E.U., FP7-TRANS-2012-RTD-1, Topic: SST 2012.5.2-5 – submitted 12/2011, under evaluation. Budget: 2,856,486 euro (total budget). Project leader for TEI Piraeus: Stylianos Mitilineos, research engineers: Stylianos Savaidis.