SMARTCOUNTPLUS

Duration: 01/2009 – 12/2010

Objective: Automated Counting and Classification of Pedestrians and Bicycles Using a Biologically-inspired Stereo Vision Sensor

Project type: Austrian cooperative project

Funding agency: Austrian Ministry of Transport, Innovation and Technology

Whole project volume: 330,000€

Role: Principal Investigator

CARE

Duration: 07/2009 – 09/2012

Objective: Automated Fall Detection in Private Homes of Elderly Persons Using a Biologically-inspired Stereo Vision Sensor

Project type: EU Project on Ambient Assisted Living with 6 EU Partners

Funding agency: EC and ministries in Austria, Germany, Finland and Hungary (e.g. Austrian Ministry of Transport, Innovation and Technology in Austria)

Whole project volume: 2,365,495€

Role: Coordinator and Principal Investigator

SILVERGAME

Duration: 05/2010 – 12/2012

Objective: Multimedia Communication Platform Reducing Isolation of Elderly Persons Living Alone at home

Project type: EU Project on Ambient Assisted Living with 7 EU Partners

Funding agency: EC and ministries in Austria, Germany, Finland and UK (e.g. Austrian Ministry of Transport, Innovation and Technology in Austria)

Whole project volume: 3,310,000€

Role: Co-Investigator

SEAMOVES

Duration: 10/2010 – 01/2014

Objective: New Smart 360° Panorama Camera (biologically-inspired) for Autonomous Robot Vision

Project type: EUREKA - EURIPIDES Project on Ambient Assisted Living with 9 EU Partners

Funding agency: National agencies in Austria and France (e.g. F oundation for Research and Technology Development in Austria)

Whole project volume: 12,000,000€

Role: Austrian Coordinator and Patent Holder

BiCa360²

Duration: 10/2012 – 09/2014

Objective: Real-time 360° 3D Panoramic Vision for Mobile Exploration in Disaster Cases

Project type: Austrian cooperative project (FIT-IT)

Funding agency: Austrian Ministry of Transport, Innovation and Technology

Whole project volume: 400,000€

Role: Project Coordinator and Patent Holder

SECURESCUE

Duration: 10/2014 – 09/2016 (Left the project in 2014)

Objective: Multi-sensing Fusion for Situation Awareness in Security Applications

Project type: Austrian cooperative project (KIRAS)

Funding agency: Austrian Ministry of Transport, Innovation and Technology

Whole project volume: 600,000€

Role: Project Coordinator

ARIS

Duration: 10/2014 – 09/2016 (Left the project in 2014)

Objective: Intelligent Sensing for Energy-Efficient Building

Project type: Austrian cooperative project (City of Future)

Funding agency: Austrian Ministry of Transport, Innovation and Technology

Whole project volume: 500,000€

Role: Co-Investigator

iTRACK

Duration: 05/2016 – 04/2019

Objective: Integrated System for Real-time Tracking and Collective Intelligence in Civilian Humanitarian Missions

Project type: Horizon 2020 Cooperative Project (Research and Innovation Actions)

Funding agency: European Commission

Whole project volume: 3,999,214€

Role: Co-Investigator

Grants


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