ENERMETER, Sistemas de Medição Lda

Bilateral Meetings

- Wednesday 10:40 h - 13:00 h
- Wednesday 14:00 h - 18:00 h

Description
ENERMETER is a technologically based company working on the development of innovative solutions for metering and artificial vision sectors. ENERMETER was the very first Portuguese company exporting an automatic inspection system for quality control in German automobile industry, developed using artificial vision technologies. This was the first fact of the long ENERMETER internationalization process.
In 2012, integrated into the artificial vision sector was created the ENERMETER Medical Imaging unit - dedicated to the field of medical imaging. This department is responsible for research and development of medical imaging processing and analysis solutions with the purpose of assisting in the medical diagnosis. The ENERMETER Medical Imaging has on its curriculum several projects on images of different modalities, such as:

- retinography
- mammography
- musculoskeletal ultrasound
- echocardiography
- scintigraphy.

In the development of these projects, several partnerships were made with research centers and clinical partners.

The company is ISO 9001:2008 certified, thus fostering high level of quality control in order to assure the more economic and innovative solutions. The Computer Vision Division was also appraised at CMMI Maturity Level 2.
ENERMETER is market leader due to high customization level of the solutions offered, due to toughness, due to ongoing research, as well as the developing of partnerships, aiming the full customer satisfaction.
Organization Type
Company
Organization Size
26-50
Founding Year
2001
Areas of Activities

Medical devices

Imaging proceedings

Request

Certification of medical devices

We are looking for consulting in the certification of medical devices.

Request

Potential Partners

We are looking for clinical partners interested in collaborating in the study validation of our products providing their expertise and access to different datasets.
We are also looking for potential technological partners.

Cooperation Offered

1. Technical co-operation
2. Research co-operation
3. Investment/Financing

Cooperation Requested

1. Distribution
2. Technical co-operation
3. Research co-operation
4. Investment/Financing

Offer & Request

RHEUMUS - Diagnosis and Follow-up of rheumatoid arthritis

Our goal is to provide new and powerful image analysis solutions.
Non-supervised and automatic algorithms for image analysis and classification are the path to reduce the time-of-deliver and the subjectivity of the results. We are the perfect partner for your image processing and analysis specific needs.

Rheumatoid arthritis (RA) is considered a social, economic and public health problem since it is one of the leading causes of disability and pain. Early diagnosis is very important for an adequate treatment and to avoid severe disability.
Early signs of RA can be observed in ultrasound images in contrast with radiography, where only later stages are observed.

Our solution has the following tools:
Anatomical structures identification
Pathologies quantification
With the above tools, we achieve:
Visualisation and analysis improvement
Subjectivity reduction

Our product is in a final stage of clinical validation in a real environment. We are looking for clinical partners interested in collaborating in the study validation of our product providing their expertise and access to different datasets.

Keywords: Medical Image Processing and Analysis Ultrasound Rheumatology musculoskeletal ultrasound
Cooperation Offered

1. Technical co-operation
2. Research co-operation

Cooperation Requested

1. Distribution
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4. Investment/Financing

Offer & Request

EyeSightCAD - Diagnosis and Follow-up of Diabetic Retinopathy

Our goal is to provide new and powerful image analysis solutions.
Non-supervised and automatic algorithms for image analysis and classification are the path to reduce the time-of-deliver and the subjectivity of the results. We are the perfect partner for your image processing and analysis specific needs.

Diabetic Retinopathy (DR) is the leading cause of blindness in working-age individuals. An early diagnosis is crucial to prevent visual impairment, but it is difficult due to its asymptomatic nature in an initial stage. Therefore, screening of DR is now one of the most cost-effective interventions in health care, from the public health point of view.
All diabetic patients should be followed regularly by an ophthalmologist, allowing more effective therapeutic actions.

Our solution has the following tools:
Evaluation of image quality
Identification of diabetic retinopathy lesions
With the above tools, we achieve:
Diagnosis improvement
Disease monitoring and treatment progression

Subjectivity reduction

Our product is in a final stage of clinical validation in a real environment. We are looking for clinical partners interested in collaborating in the study validation of our product providing their expertise and access to different datasets.

Keywords: Medical Image Processing and Analysis Digital Fundus Imaging Diabetic Retinopathy
Cooperation Offered

1. Technical co-operation
2. Research co-operation

Cooperation Requested

1. Distribution
2. Technical co-operation
3. Research co-operation
4. Investment/Financing

Offer & Request

MICABCAD - Microcalcification Based Computer Aided Diagnosis

Our goal is to provide new and powerful image analysis solutions.
Non-supervised and automatic algorithms for image analysis and classification are the path to reduce the time-of-deliver and the subjectivity of the results. We are the perfect partner for your image processing and analysis specific needs.

Breast cancer is one of the most common cancers in women worldwide. An early diagnosis is crucial, allowing less invasive treatments and higher recovery rates.
Microcalcifications are an early breast cancer indicator and can be used to predict malignancy in mammogram images.

Our solution has the following tools:
- Contrast enhancement
- Microcalcifications identification
- Clusters identification

With the previous tools we achieve:
- Visualization improvement
- Highlight of suspicious areas
- Diagnosis improvement

Our product is in a final stage of clinical validation in a real environment. We are looking for clinical partners interested in collaborating in the study validation of our product providing their expertise and access to different datasets.

Keywords: Medical Image Processing and Analysis Mammography Breast Cancer Microcalcifications

Cooperation Offered

1. Technical co-operation
2. Research co-operation

Cooperation Requested

1. Distribution
2. Technical co-operation
3. Research co-operation
4. Investment/Financing