



Biosensors | CSPAD3000 area sensor | AlfES – Trade fair exhibit | Sonepar

Biohybrid Systems

Fraunhofer IMS reinforces Biosensors



Prof. Dr. Karsten Seidl is the new Head of Department of Micro and Nanosystems at Fraunhofer IMS in Duisburg. His focus is on the development of future medical implants and state-of-the-art biosensors. His professorship in medical technology at the University of Duisburg-Essen offers excellent opportunities for cooperation.

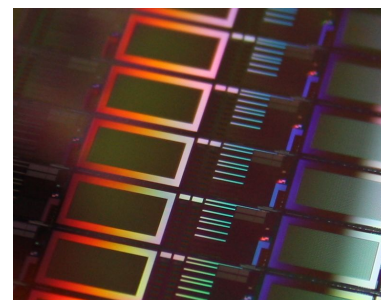
[MORE INFO](#)

CMOS Image Sensors

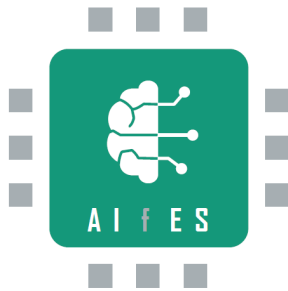
Novel CSPAD3000 area sensor for Solid-state LiDAR Systems

The new CMOS integrated SPAD (CSPAD) for three dimensional imaging consists of 64x48 pixels and has been designed for Solid-state LiDAR applications. It features single-photon sensitivity, low dark count rate and chip-integrated ambient light suppression.

[MORE INFO](#)



AlfES – Trade fair exhibit on Embedded World 2019



At the Embedded World 2019 you have the chance to get an impression of the artificial neural network (KNN) for microcontrollers and embedded systems of the Fraunhofer IMS.

[MORE INFO](#)

[TO THE FAIR](#)

Sonepar – new partner of Fraunhofer-inHaus-Center

The Fraunhofer-inHaus-Center will be cooperating with the Sonepar Germany GmbH – January 1st was the starting point for the major wholesaler in electronics to become an active partner of the inHaus. Sonepar occupies an important position in the field of smart home technology.



[MORE INFO](#)

Events | Fairs

May 7th – 8th, 2019 at the Fraunhofer-inHaus-Center, Duisburg.

9th Fraunhofer IMS Workshop CMOS Imaging



REGISTER NOW!

After a series of very successful workshops since 2002 we are happy to announce our 9th workshop on CMOS Imaging, a forum for the European industry and academia to meet and exchange the latest developments in CMOS based imaging technology.

The workshop program will be announced soon!

[MORE INFO](#)

[REGISTRATION FORM](#)

We look forward to seeing you at our booth!



Save the Date

Embedded World 2019

26.2. - 28.02.19 in
Nuremberg
Hall 3 - Booth 644

Security for electronic systems, distributed intelligence, the Internet of Things or e-mobility – the embedded world trade fair in Nuremberg enables you to experience the whole world of embedded systems.

→ [Outlook](#)

At Embedded World 2019 we present:

- Energy-autonomous wireless current sensor for condition monitoring on machines and plants
- Inductive linear position sensor for cost-effective absolute and relative position measurement
- SPAD LiDAR "Owl" camera with 2 lines for reliable and fast distance measurements
- Classification and counting of persons by high-resolution uncooled infrared sensors, even in poor visibility conditions, eg. Darkness, fog, smoke, low sun
- Number recognition with AI on a simple embedded processor

EMBEDDED WORLD

[OUR FAIR APPEARANCES](#)

14.03.19 in Nijmegen, NL

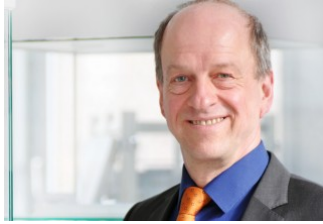
Health Valley Event 2019

At the Health Valley Event, we introduce our Dizzy Trainer EquiVert, which is used for fall prevention. As well as the Ichó - training ball for dementia patients, in cooperation with Ichó.

[THE EVENT](#)



Kontakt



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