



AdvanSiD

Advanced Silicon Detectors

“innovation and technology for a better life”

About AdvanSiD

The AdvanSiD advantage

Products & Market Applications

Contacts

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Silicon Radiation Detectors Company Incorporated in June 2010

Takes advantage of over 15 years of
experience in the R&D of silicon radiation
detectors at FBK (Trento, IT)

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Sharedolders



15-year experience in
microelectronic packaging,
development and production
of Si sensors and
microsystems.



Multinational, 40-years
experienced, worldwide leader in
production and trading of Digital
Imaging medias.

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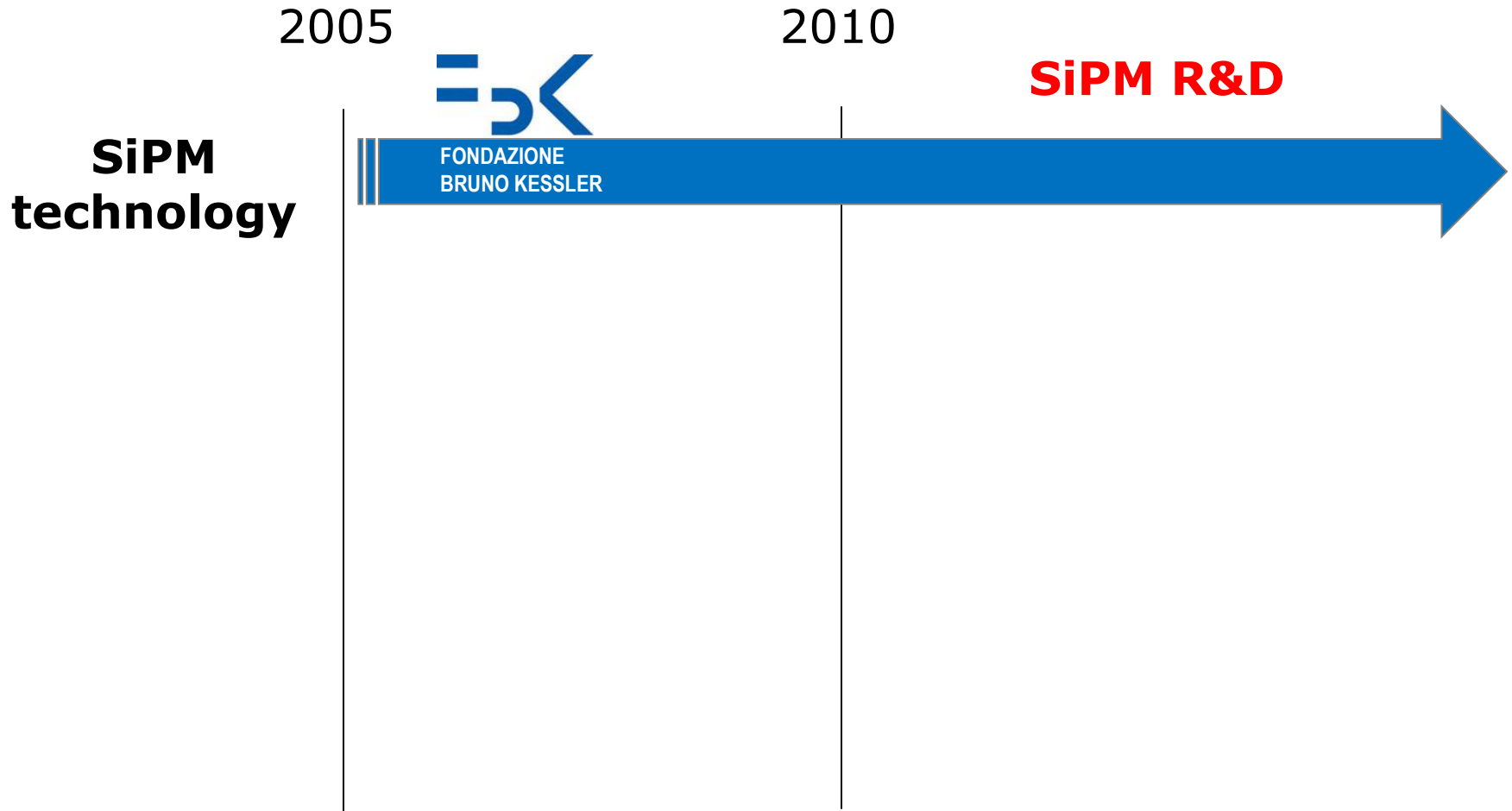
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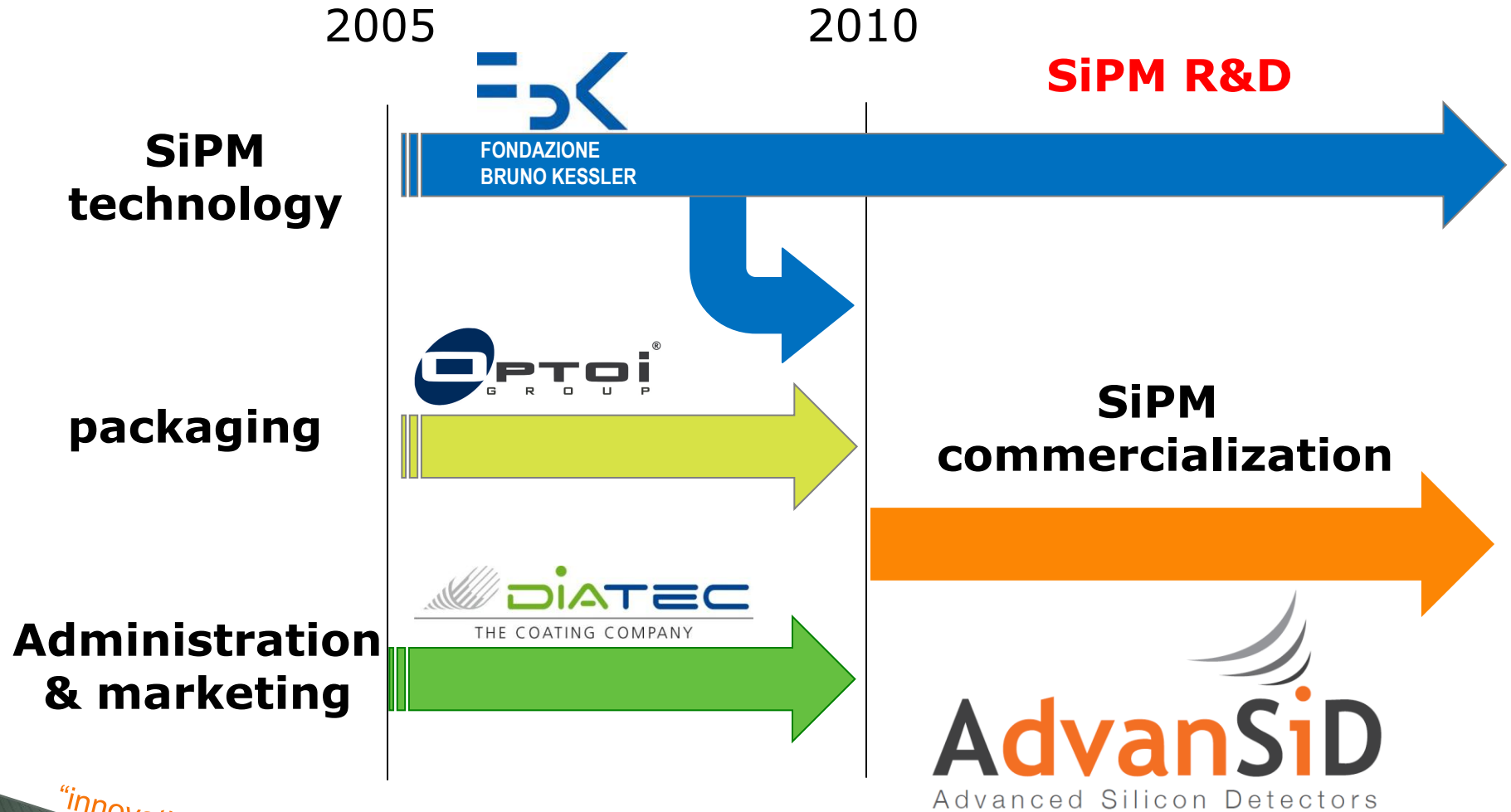
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AdvanSiD assets



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AdvanSiD assets



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Meeting customer needs to support
innovation and technology advancements

Exceptionally high degree of device customization

Access to Microfabrication facilities of FBK
(world class die design and fabrication)

Coupled with highly flexible Optoi
packaging design & production

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Applications

Nuclear medicine:

PET

Gamma Probes



Biology:

Confocal Fluorescence
Microscopy

Real Time PCR

Flow Citometry

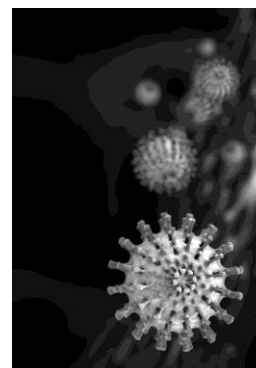


Physics experiments:

Cosmic rays detections

Gamma

X-rays detections



Materials analysis:

SEM

Homeland security

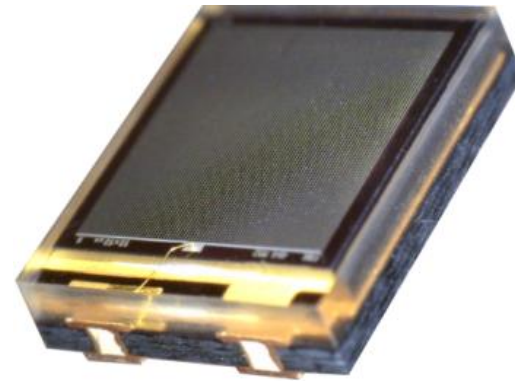


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1x1, 3x3, 4x4 mm² SiPM devices



Metal Can Package



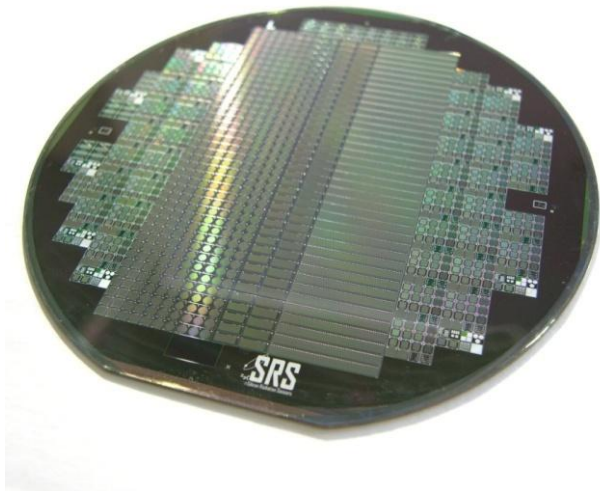
Chip Scale Package

More to come soon ...

**1.2 mm circular SiPM
4x4 Array of 4x4mm² SiPMs**

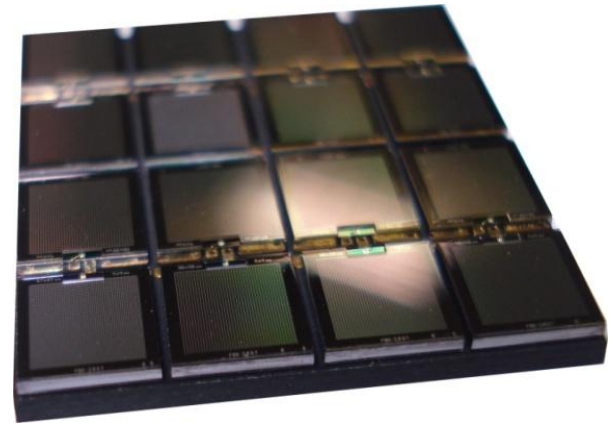
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Custom chip design



**Multi-project runs capability
(cut development costs by
sharing silicon area)**

Custom package design



**Modular complex sensors in
plastic or alumina packages**

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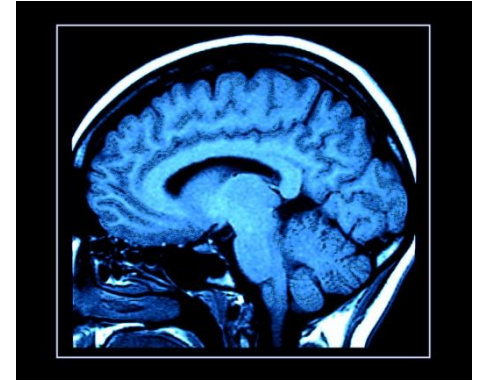
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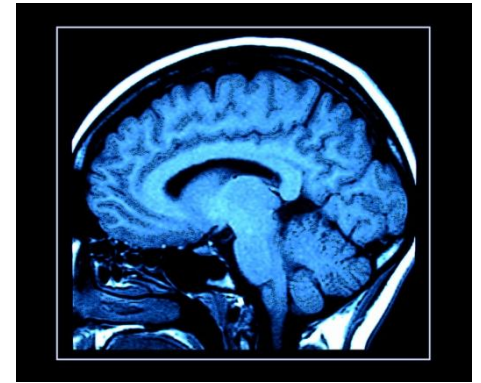
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