

Moore4Medical





Sieger Swaving
Project leader



Ad de Beer
Project coordinator



Ronald Dekker
“scientific advisor”



Patrick Kool
Finances



Ester Martens
Legal

The Team

WP8



Sieger Swaving
Project leader



Ad de Beer
Project coordinator

WP1



Vasso Giagka
Implantable Devices

WP2



Massimo Mastrangeli
Organ-on-Chip

WP3



Conor O'Mahony
Drug adherence

WP4



Vincent Henneken
Next generation ultrasound

WP5



Robert Hofsink
Towards X-ray free surgery

WP6



Jos Aarts
Continuous monitoring

WP7

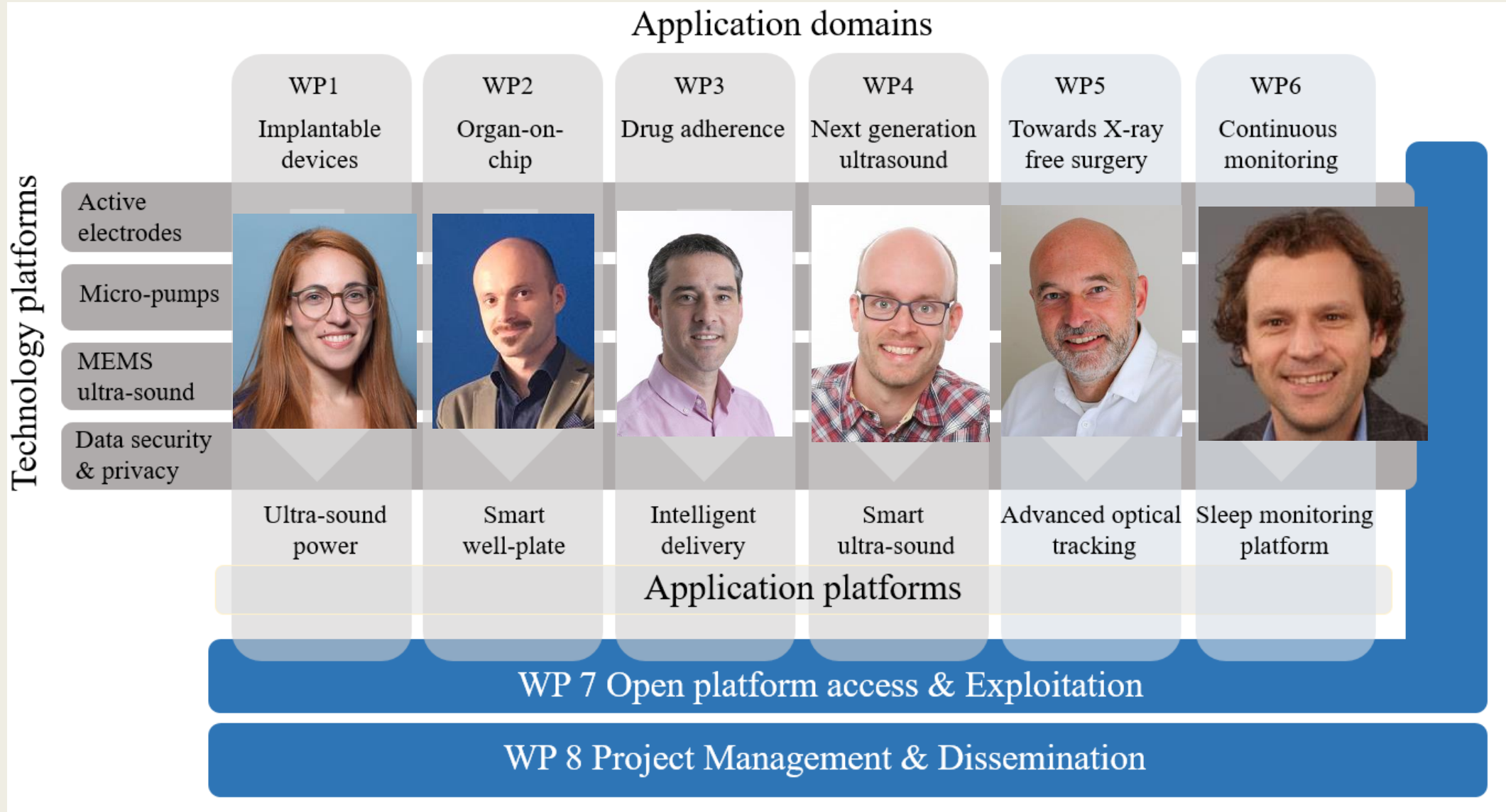


Romano Hoofman
Innovation management

WP7



Ronald Dekker
Dissemination



TU Delft: Who is who and where



Vasiliki Giagka
assistant professor



Ronald Dekker
professor



Marta Saccher
PhD-student



Shinnosuke Kawasaki
PhD-student



AnSem, Who is who and where



Frederic Stubbe
project manager



Jan Crols
technical supervision



AnSem's main location is in the Research Park Haasrode in Leuven, Belgium.

UNIROMA3 - Who is who and where



Alessandro Stuart Savoia
UNIROMA3 Unit Leader



Alessandro Neri
Head of Applied Electronics Section



Roma Tre University
Roma, Italy



Department of Engineering
Applied Electronics Section



Acousto-Electronics Lab
(ACULAB)



Moore4Medical 

Lab. for Biomed. Microtechnol., IMTEK, ALU-FR



Thomas Stieglitz
project leader



Paul Čvančara
senior scientist



Benedict Szabo
PhD student



Campus of the Faculty of Engineering,
Albert-Ludwig-University Freiburg,
Freiburg, Germany.

CorTec GmbH - Who is who and where



Dr. Jörn Rickert
CEO



Dr. Martin Schüttler
CEO/CTO



Vera Oppelt
Electrode Engineer

CorTec is a young company in the field of **medical engineering** located in Freiburg, Germany.

We make **personalized neurotherapy** available to industry, research and patients by providing the **next generation** of the technology behind.



Moore4Medical 

DYCONEX Who is who and where



Eckardt Bihler
project manager



Marc Hauer
R&D manager



Dyconex AG
manufacturing site for flex substrates
located in Bassersdorf, Switzerland
within close proximity of Zurich Airport

IMEC-BE-Ghent: Who is who and where



Maarten Cauwe
Technical Coordinator



Jan Vanfleteren
Project Lead



iGent administrative / office building (left) and separate clean room building (right) at Technology Park of Ghent University, Ghent-Zwijnaarde, BELGIUM

ICsense: Who is who and where



Wim Vanacken
Program manager



Bram De Muer
CEO



Science Park Arenberg,
Leuven, Belgium

Philips: Who is who and where



Rob van Schaijk



Joost van Beek



Paul Dijkstra



Jacco Scheer



Folkert Morsheim

Principal Architects Thin Film/MEMS/Assembly

business development mgr.

Philips innovation services thin film facility

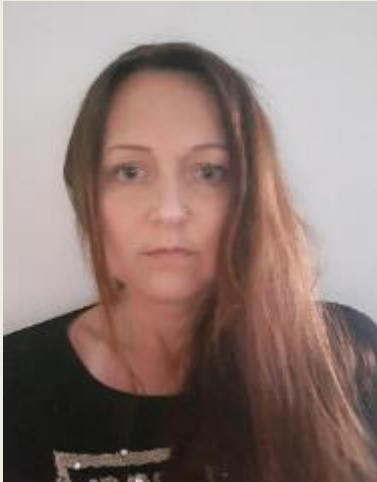


Philips innovation services
micro devices facility

Moore4Medical



Picosun Oy



Riina Ritasalo
Project Manager @Picosun



Tom Blomberg
R&D team leader @Picosun



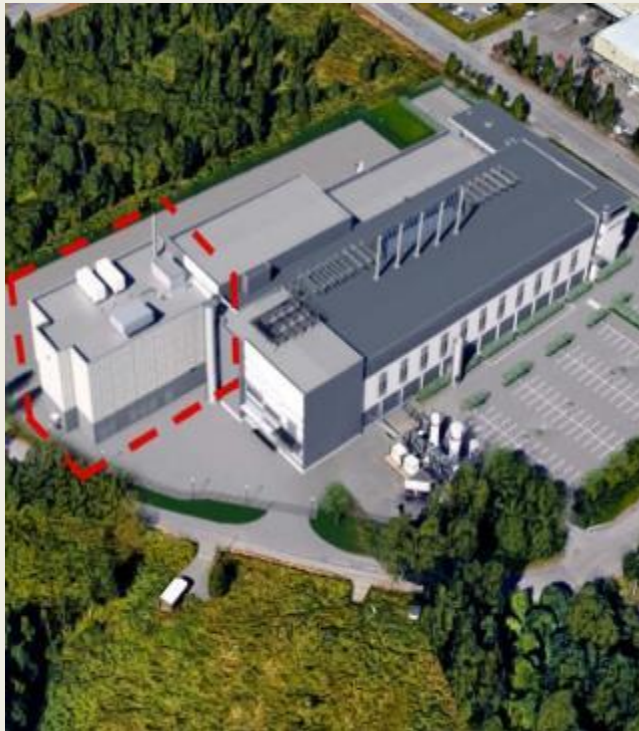
Okmetic Oy , Finland> Who is who and where



Katja Parkkinen
Main contact
katja.parkkinen@okmetic.com
+ 358 50 428 5484



Heikki Holmberg
Secondary contact
heikki.holmberg@okmetic.com
+ 358 50 590 5459



OKMETIC

High-performance silicon wafers for demanding applications

- Headquarter and main fab located in Vantaa, Finland, 10 min from Helsinki airport

VTT Who is who and where



Tomi Salo
Research Team Lead
M4M Project Owner @ VTT



Cyril Karuthedath
Research Scientist
M4M Project Manager @ VTT

Micronova is the largest R&D cleanroom in the Nordic countries, and Finland's National Research Infrastructure for micro- and nanotechnology. The facility is run jointly by VTT and Aalto University. We develop innovative enabling technologies, and apply them to practical micro- and nanosystems.

OSYPKA AG



Bart Kootte
Electronics layout



Benjamin Burg
Device design



Thorsten Götsche
CTO, Project leader



Facility in Rheinfelden,
Germany, near Basle:
Development and production.
Two more facilities near
Denver (CO), USA and Odry, CZ.

Multi Channel Systems (MCS) – Who is who and where?



Karl-Heinz Boven
CEO



Jannis Meents
Head of Research
Projects



Christoph Jeschke
Head of Hardware
development

multichannel*
systems
Innovations in Electrophysiology



Multi Channel Systems MCS GmbH
A subsidiary of Harvard Bioscience

Aspenhaustrasse 21
72770 Reutlingen
Germany
Fon +49-7121-90925-0
Fax +49-7121-90925-11
sales@multichannelsystems.com
www.multichannelsystems.com



Moore4Medical

IMT: Who is who and where



Carmen Moldovan
WP1



Bogdan Firtat
WP2



IMT: Main Building (left) and the new facility
– CENASIC (right)

Location: 126A Erou Iancu Nicolae, Bucharest, Romania

STMicroelectronics key contacts



Fabio Quaglia
ST project leader



Andrea di Matteo
ST project coordinator



STMicroelectronics is one of the world's largest semiconductor companies with net revenues of US\$ 9.56 billion in 2019, with a operating margin of 38.7 % and a net income of US\$ 1.03 billion. Offering one of the industry's broadest product portfolios, ST serves customers across the spectrum of electronics applications with innovative semiconductor solutions by leveraging its vast array of technologies, design expertise and combination of intellectual property portfolio, strategic partnerships and manufacturing strength.

Tyndall National Institute – Cork, Ireland



Paul Galvin
Group Head



Des Brennan
*Senior
Researcher*



Eamonn Hawe
*Country
Coordinator*



Conor O'Mahony
WP3 Lead



Fjodors Tjulkins
Researcher



Ryan Sebastian
Researcher



Salvia BioElectronics - who is who and where



Zameed SahebAli
Director Product
Development



Stijn Boere
Sr. Mechanical
Engineer



Steve Gee
Sr. Electronic
Design Engineer



Daniel Schobben
COO



Building HTC41, High
Tech Campus Eindhoven

INESC-ID Lisboa: Who is who and where



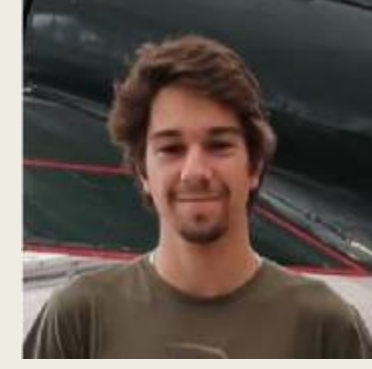
jorge.fernandes
Researcher
Ass.Prof. IST



taimur.Rabuske & diogo.brito
Post-Doc Researchers



joao.silva & goncalo.rodrigues & hanna.busse
PhD Students



...@inesc-id.pt



Instituto Superior Técnico (Alameda Campus)
Universidade de Lisboa



INESC-ID Lisboa
R&D Institute

Moore4Medical

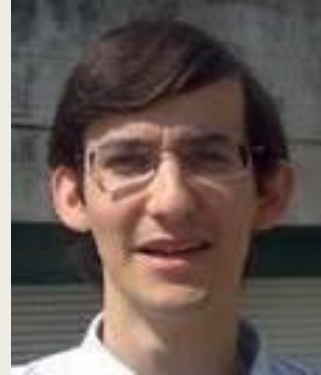
SILICONGATE - who is who and where



Floriberto Lima
CEO



Marcelino Santos
CTO



Tiago Moita
Lab Head

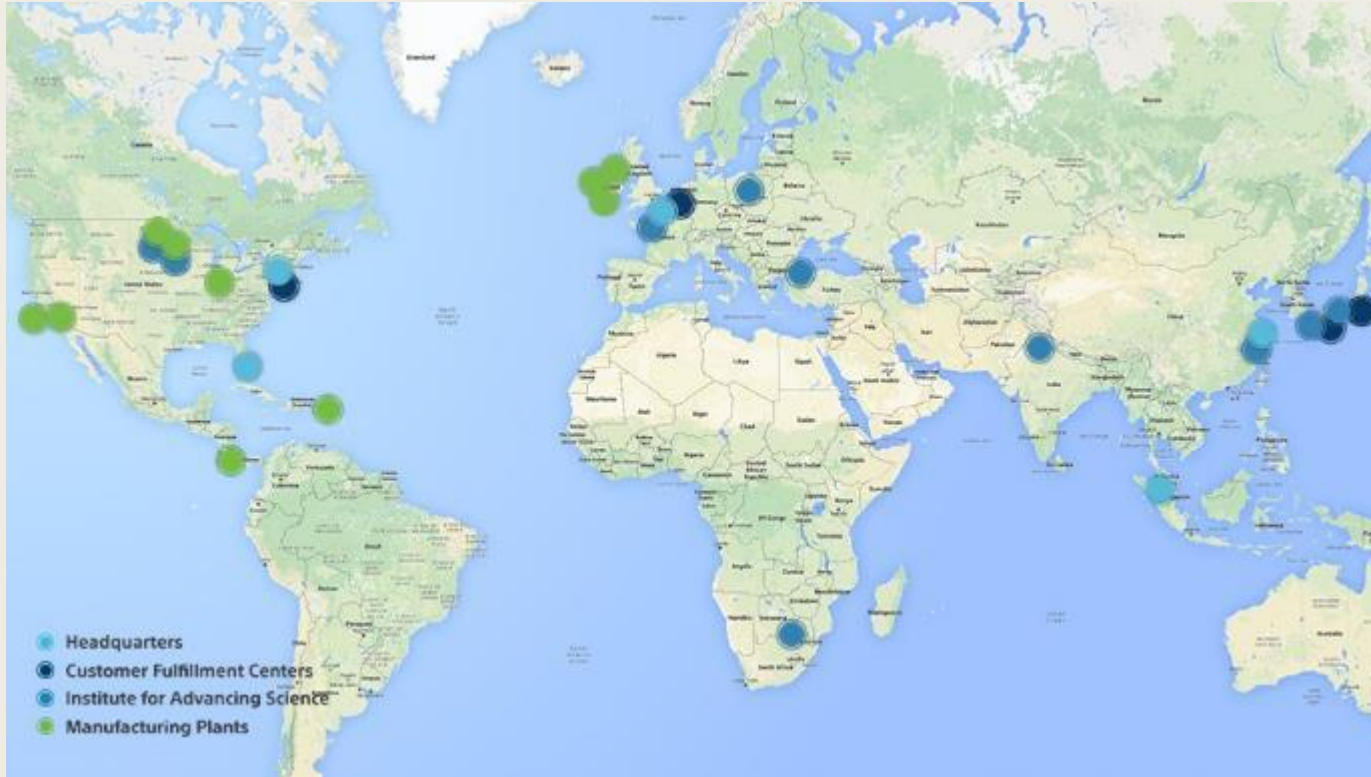
- SILICONGATE designs and license power management IPs and complete Power Management Units (PMUs)
- Started in Portugal in 2008 by already very experienced power management engineers (coming from previous Chipidea)
- Large portfolio of power management IPs, mainly in TSMC, UMC and Global Foundries, in major nodes down to 12nm
- Close connection to university facilitates human resources selection and training



Lisbon site

Boston Scientific

**Boston
Scientific**
Advancing science for life™



- 25,000 Employees Globally
- over 13k products and a revenue of 10Billion in a range of areas
- 3 Plants in Ireland – Clonmel, Cork, Galway



Sean Cooney



Patrick McCallion



Daniel Canavan

Moore4Medical

WP2

TU Delft: Who is who and where



Massimo Mastrangeli
WP2 leader



Bjorn de Wagenaar
Task leader



Janny vd Eijnden-van Raaij
hDMT managing director



Ronald Dekker
Mastermind



The EEMCS building of the TU Delft campus, housing the class-100 cleanroom (Else Kooi Lab) and the research groups of the Microelectronics Department, wherein the ECTM.

TU/e Who is who and where



Jaap den Toonder
professor



Mohammad Jouybar
PhD student



Dino Verhoef
MSc student

Microfab/lab @ TU/e campus, Eindhoven



Moore4Medical

Philips: Who is who and where



Rob van Schaijk



Joost van Beek



Paul Dijkstra



Jacco Scheer



Folkert Morsheim

Principal Architects Thin Film/MEMS/Assembly

business development mgr.

Philips innovation services thin film facility



Philips innovation services
micro devices facility

Moore4Medical



BI/OND: Who is who and where



Nikolas Gaio

OOC Technology



Amr Othman

OOC Qualification



Cinzia Silvestri

Admin



BI/OND is currently based in the Faculty of Electrical Engineering, Mathematics and Computer Science building, in TU Delft.

TNO / Holst Centre



Auke Jisk Kronemeijer
Program Manager




Thiru Kanagasabapathi
Program Manager



Building HTC31 at the High Tech Campus
Eindhoven

Moore4Medical



Besi Netherlands - Who is who and where



Sebastiaan Kersjes

Main contact



Niek van Haare

Deputy contact



Besi Netherlands B.V.
Ratio 6
6921 RW Duiven, the Netherlands
Tel. (31) 26 319 6100
Fax (31) 26 319 6200.

Micronit - who is who and where



Sandro Meucci
R&D Scientist



Maciej Skolimowski
Research Manager

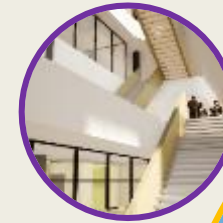


Marko Blom
CTO

New HQ and merging of Enschede locations for
product development and manufacturing

Contribute to an improved quality of life and work
environment compliant with GMP and MDR

Ambition to achieve fully CO₂ neutral activity



Imec WP2 – organ on chip



Dries Braeken
R&D manager



Tim Stakenborg
Group lead Biodevices



Andy Miller
Dept. Director 3D integration



- ▶ World-leading R&D in nanoelectronics & digital technology
- ▶ 3500 international R&D top talents
- ▶ Unique € 2B leading-edge semiconductor fabs
- ▶ serving 500+ companies
- ▶ Created 40 spin-off companies and incubated 100+ start ups
- ▶ 8 sites worldwide

Multi Channel Systems (MCS) - Who is who and where?



Karl-Heinz Boven
CEO



Jannis Meents
Head of Research
Projects



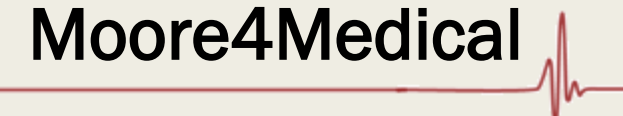
Christoph Jeschke
Head of Hardware
development



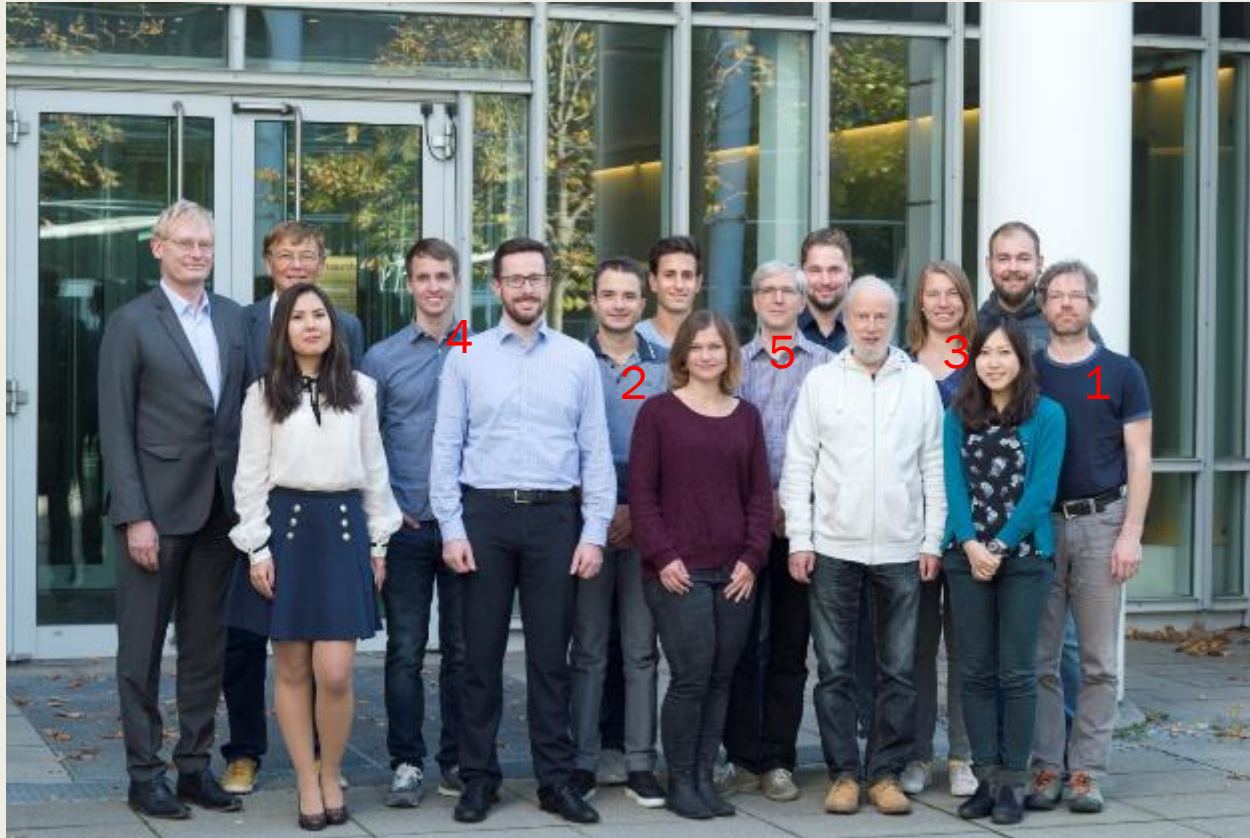
Multi Channel Systems MCS GmbH
A subsidiary of Harvard Bioscience

Aspenhastrasse 21
72770 Reutlingen
Germany
Fon +49-7121-90925-0
Fax +49-7121-90925-11
sales@multichannelsystems.com
www.multichannelsystems.com

Moore4Medical



Fraunhofer EMFT, who is who and where?



1. Axel Wille (WP Coordinator)
2. Henry Leistner (Fab Transfer and Lead)
3. Agnes Bußmann (Interaction btw. Pump and Drug)
4. Thomas Thalhofer (Demonstrator)
5. Martin Wackerle (Safety Valve)



Fraunhofer EMFT at Hansastraße 27D in Munich with over 100 employees, close to Fraunhofer HQ

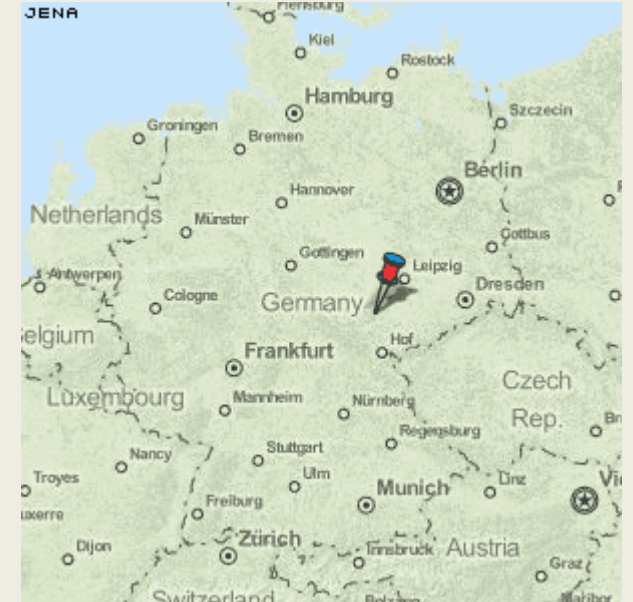
microfluidic ChipShop GmbH



Holger Becker
project leader



Sebastian Schattschneider
project scientist



Own 5000 sqm facility (with class 7 cleanrooms and biolabs) in Jena, one of the high-tech centers in Germany (mainly optical, photonic and biomedical instrumentation)

MSB Who is who and where



Gianni Medoro
Company CTO



Maximilian Sergio
ICD Team Leader



Fabio Campi
M4M Main Contact

MSB Main Site, Castelmaggiore (Bologna),
Italy.



ITAV – Who is who and where



Issa Tamer Elfergani
RF antennas expert



Joaquim Bastos
team leader



Jonathan Rodriguez
Mobile Systems
group leader



IT-Aveiro 1, headquarters of Instituto de Telecomunicações, inside the University of Aveiro campus, in Portugal. It hosts several labs, such as RF and Networking labs.

BEONCHIP Who is who and where



Rosa Monge

BEOC-project leader



Luis E. Serrano

Product Develop. Engineer



Lara Pancorbo

R&D Technician



CEMINEM- University-Companies Joint
Research Centre. Río Ebro Campus.
Zaragoza (Spain)

IISA: Who is who and where



Antonio Antón

Project leader and clinical
advisor



Estela Solanas

Project coordinator and basic
research scientist

Institute for Health Research Aragon (IISA): joint biomedical research centre integrated by the hospital complex (Miguel Servet University Hospital (HUMS) and Lozano Blesa University Clinical Hospital (HCULB) and Primary Health Care), the University of Zaragoza and Health Sciences Institute of Aragón (IACS). It is located at CIBA building, Zaragoza (Spain).

Basic and applied research and innovation are joint to generate and transfer results to Health Service.



UNIZAR Who is who and where



Ignacio Ochoa
project leader




Roxana Subaseanu
project Coordinator



R&D Building at the Ebro river Campus (University of Zaragoza), housing the Aragon Institute of Engineering Research (I3A) and the Tissue Microenvironment (TME) Lab



Moore4Medical 

INESC MN

Microsystems and
Nanotechnologies

INESC-MN, Lisbon Portugal



Susana Cardoso Freitas
Scientific coordinator



Veronica Romão
Biotechnology expert



Sara Viveiros
PhD student



350 m²
INESC-MN Clean room
Lisbon

Moore4Medical

A red line graphic resembling a heartbeat or ECG line, positioned to the right of the text.

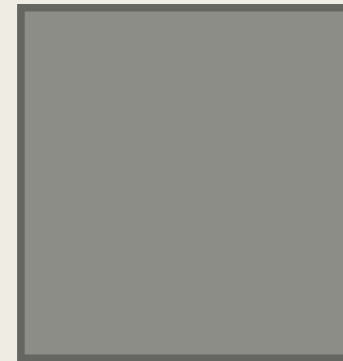
Besi AT - Who is who and where



Thiago Moura
Main contact and
technical responsible



Birgit Brandstätter
Project responsible



Damir Hajdarevic
Financial responsible



Besi Austria in Radfeld, Tirol:
The site houses equipment
development for die attach flip
chip and multi chip as well as
process R&D.

EV Group (EVG)



Bernd Dielacher
Business Development
Manager - Biotechnology
and MEMS



Anneliese Pönninger
Business Development
Manager - Funded Projects



Philipp Peter
Process Technology
Engineer - Bonding



Peter Urban
Process Technology
Engineer - Bonding



Harald Rohringer
Product Manager - Bond
Aligners and Integrated
Bonding and Litho Systems



EV Group Headquarters
St. Florian am Inn, Austria

Moore4Medical

CSEM: Who is who and where in WP2 :: csem



Sigi Graf
Fluidics
WP responsible



Sarah Heub
Bio-Validation
Deputy



Felix Kurth
Bio-Chemical sensing



Nicolas Glaser
Sensing & Printing



Erika Györvary
Technology Coordinator



Vincent Revol
Project Manager

Lead of Task 2.5 “Smart multi-well plate lid realization”

insphero Who is who and where



Olivier Frey
Head



Lisa Hölting
Scientist



Özlem Yavas
Engineer



Currently moving to our new head quarters in the Bio-technopark in Schlieren, Zurich, Switzerland

IMT: Who is who and where



Carmen Moldovan
WP1



Bogdan Firtat
WP2



IMT: Main Building (left) and the new facility
– CENASIC (right)

Location: 126A Erou Iancu Nicolae, Bucharest, Romania

Centre for Energy Research (CER) Microsystems Laboratory



Péter Fürjes

head of Lab

project
management



Zoltán Szabó

researcher

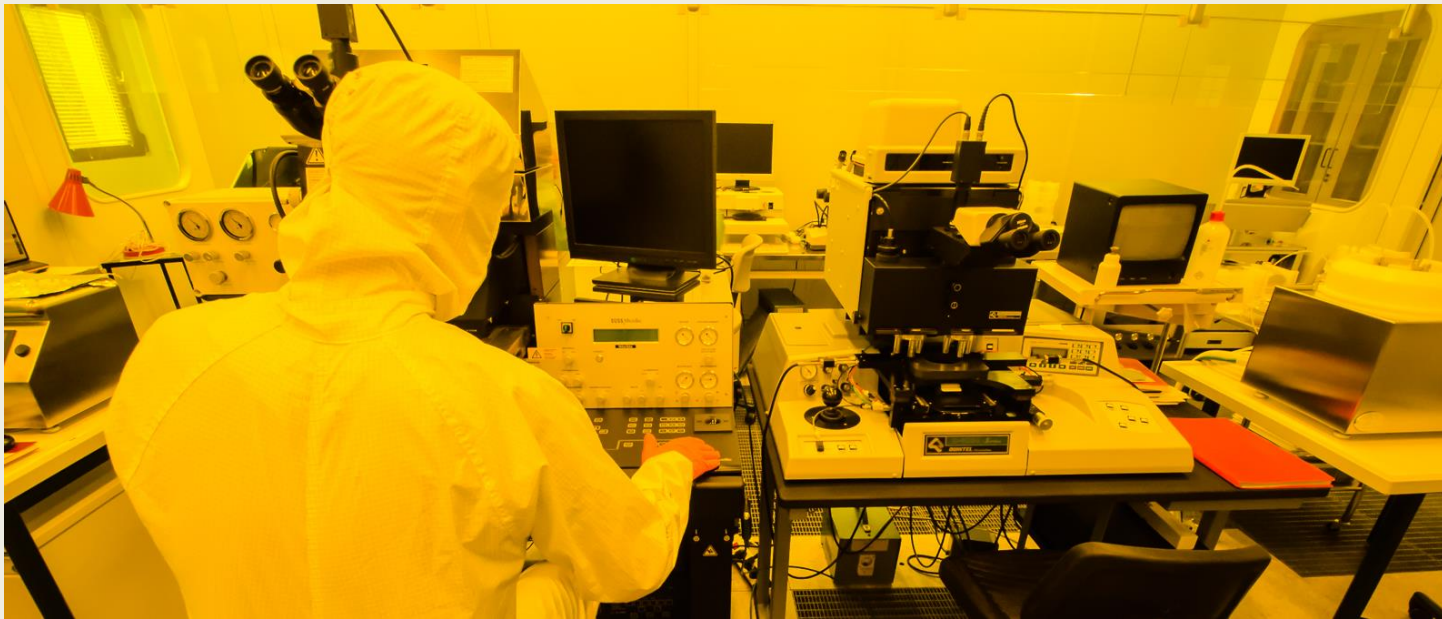
IR LED
development



Csaba Dücső

tech. head of Lab

technology
development



Budapest KFKI Campus



Moore4Medical



AEDUS Ltd. (AED)



Szabolcs Bella
CEO
chemical industry engineer
laser micro processing



Ilka Garai
mechanical engineer
polymer technologist
laser micro processing



Budapest
Office

Székesfehérvár
Factory

WP3

Tyndall National Institute – Cork, Ireland



Conor O'Mahony
WP3 Lead



Fjodors Tjulkins
Researcher



Ryan Sebastian
Researcher



Eamonn Hawe
Country Coordinator



Paul Galvin
Group Head



NanoBioCel - University of the Basque Country (EHU): Who is who and where



Jose L. Pedraz
Group Leader



Jesús Ciriza
CIBER researcher



Laura Saenz del Burgo
EHU Professor



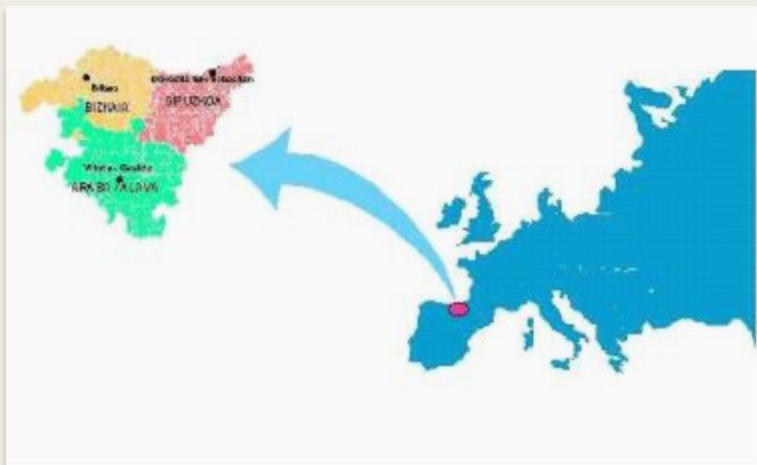
Gustavo Puras
EHU Professor



Gorka Orive
EHU Professor



Angela Losada
Lab Manager CIBER BBN



Location of Vitoria in Europe



Lascaray Research Centre

NanoBioCel is a leading research group in Spain, which belongs to the Faculty of Pharmacy of the University of the Basque Country.

Its facilities are the Faculty of Pharmacy and the Lascaray Research Centre in Vitoria.

Moore4Medical

WP4

TUE – Eindhoven University of Technology



Shivraj Karewar
Postdoctoral researcher



Johan Hoefnagels
Associate professor



Olaf van der Sluis
Full professor



Jaap den Toonder (WP2)
Full professor



Building Gemini at the Eindhoven University of Technology campus, housing of the state-of-the-art Microfab/lab and the Multiscale lab.

STMicroelectronics key contacts



Fabio Quaglia
ST project leader



Andrea di Matteo
ST project coordinator



STMicroelectronics is one of the world's largest semiconductor companies with net revenues of US\$ 9.56 billion in 2019, with a operating margin of 38.7 % and a net income of US\$ 1.03 billion. Offering one of the industry's broadest product portfolios, ST serves customers across the spectrum of electronics applications with innovative semiconductor solutions by leveraging its vast array of technologies, design expertise and combination of intellectual property portfolio, strategic partnerships and manufacturing strength.

MSD Laboratory –University of Florence (UniFI)



Piero Tortoli
UniFi unit leader



Enrico Boni
Design group leader



The Microelectronics Systems Design (MSD) Laboratory is located in the School of Engineering, on the top of a hill looking at Florence



University of Pavia (UniPV)



Andrea Mazzanti
Professor



Piero Malcovati
Professor



Edoardo Bonizzoni
Professor



Lara Novaresi
Research Grant



The **University of Pavia** (UniPV) is one of the oldest in Europe, founded in 825. Many renowned humanists and scientists studied and taught at the Alma Ticinensis Universitas, such as Cardano, the inventor of the Cardanic joint, and Alessandro Volta, the inventor of electric battery. Nowadays, the multidisciplinary University of Pavia includes nine faculties with more than one thousand professors, three campuses and hosts more than 20 thousand students.

UNIROMA3 - Who is who and where



Alessandro Stuart Savoia
UNIROMA3 Unit Leader



Alessandro Neri
Head of Applied Electronics Section



Roma Tre University
Roma, Italy



Department of Engineering
Applied Electronics Section



Acousto-Electronics Lab
(ACULAB)



Moore4Medical 

Technische Universität Wien (TU Wien)



Radu Grosu
Head of Cyber-Physical
Systems Group



Muhammad Shafique
Head of Computer Architecture
and Robust Energy-Efficient
Technologies Group



Bharath Srinivas Prabakaran
PhD Researcher

Research Interests:

Prof. Dipl.-Ing. Radu Grosu: Computational Models in Systems Biology, Machine Learning, Model-based Design, Logic and Automata Theory, Applications of Machine Learning

Prof. Dr.-Ing. Muhammad Shafique: Applications of machine learning, HW/SW optimizations for ML Systems, Neuromorphic Computing, HW Architectures for ML

WP5

WP6



Tuomas Kiviniemi
project leader (Med.)



Juhani Airaksinen
prof. Cardiology



Tero Koivisto
project leader (Tech.)



Olli Lahdenoja
algorithms



Health Campus at Turku, Finland. A significant Multidisciplinary Knowledge Hub working at the interface of clinical medicine, patient care and novel health technology. This Hub offers unique opportunities for research, innovation and corporate collaboration.



Innovation for better care



Markus Merne
CEO, Project leader



Mika Hokkanen
Coordinator



Pasi Oksa
Proj SW man.



Kauko Valtonen
Proj. writer



Markku Metsävuori
CTO



Everon HQ in Turku / Åbo, Finland.

- Administrative
- R & D center
- Sales FI
- Group logistics

Emfit Ltd, Finland

Staff: 20 employees

Locations: Jyväskylä, Finland; Austin, Texas, USA

Founded: 1990

Core team in the Moore4Medical project



PhD Timo Aittokoski
SW development



MSc Jukka Ranta
SW development



Heikki Räisänen, CEO
Administration



Remotea | Who is who and where



Jorma Kario
Project Director



Sami Isoaho
Executive chairman



Kimmo Suotsalo
CTO



Patrick Francke
CBDO



Mikko Haikala
DEO



Perkkää Business Park in the heart of Espoo

Precordior– Who is who and where



Tuomas Valtonen
Chief Operative
Officer



Juuso Blomster
Chief Executive
Officer



lisa Mattila
People & Operations
Coordinator



Our office is currently in the Pharma City building of the Kupittaa Technology Center in Turku, Finland

...but hoping to move soon downtown closer to this nice scenery by Aura river :)

Thales DIS Finland Oy (former Gemalto Oy)



Kari MIETTINEN

ePassport OS R&D Manager,
M4M Project Leader for Thales DIS Finland



Center of excellence for Government Technologies, located in Vantaa, FINLAND. Activities on SALES & MARKETING, ADMINISTRATION, OPERATIONS (production), and R&D.

Maastricht University (UM) - NL



Jos Aarts
Program leader



Enrico Toffoli
Electronics engineer
Project leader



Ralf Peters
Data scientist



Marcel van de Poll
Intensivist



FSE

FHML



Brightlands Maastricht Health Campus


Maastricht University

FHML | Faculty of Health, Medicine and Life Sciences

FSE | Faculty of Science and Engineering

MUMC+ | Maastricht University Medical Center

Moore4Medical



Philips Research



Sieger Swaving
project leader



Ad de Beer
project coordinator



Ronald Dekker
project writer



Alberto Bonomi
data scientist



Reinder Haakma
solution lead



Building HTC4 at the High Tech Campus Eindhoven, housing the MEMS foundry of Philips Innovation Services and technology research groups.

IMEC-NL



Arjan Breeschoten
R&D



Martijn Hijdra
R&D



IMEC research center Eindhoven is connected with the international imec organization, a [world-leading R&D hub](#) in nanoelectronics and digital technologies that boasts more than 4000 researchers, a 12,000 m² cleanroom, and a global ecosystem of universities and companies across the value chain.

We combine our microchip technology expertise with artificial intelligence and data science to develop applications that target local and global needs

Moore4Medical



Holst Centre/TNO



Jeroen van den Brand
Department Head



Edsger Smits
Program manager

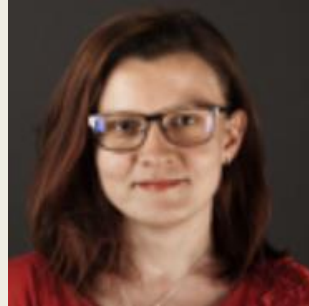


Holst Centre is an Open Innovation research centre founded by TNO and IMEC NL and is located on the High Tech Campus in Eindhoven. Building HTC31 at the High Tech Campus Eindhoven.

CSEM: Who is who and where in WP6 :: csem



Damian Vizár
Data Security
Engineer
Security activity
leader



**Alexandra-Mihaela
Olteanu**
Security & privacy
Engineer



John Farserotu
EU Program
Coordinator



**Philippe
Dallemagne**
Embedded
Comm. Expert



Ricard Delgado
Sector Head
TEE activity
coordinator

Lead of the E2E security and privacy activity in WP6
Lead of Task 6.7 “Tools and methodologies for E2E security and privacy”
Resp. D6.4 “E2E security and privacy toolkit”

3db Access, Zurich, Switzerland



Boris Danev (CEO)
Project leader



David Barras (CTO)
Project technology



Building CAB hosts the Department of Computer Science of ETH Zurich.

Hardware laboratory of 3db Access is located in this historical building together with other hardware spin-offs.

Inpher – Iraklis Leontiadis – Senior Researcher



Iraklis Leontiadis



EPFL Innovation Park is housing start-ups, SMEs, research teams and innovation cells from major companies in the fields of information technology, computing, health and nutrition, engineering, transport, telecommunications or materials.

In a spirit of scientific collaboration, the EPFL Innovation Park offers unparalleled exposure to the wide range of new technologies being developed in the research units of the EPFL, UNIL and the CHUV.

Moore4Medical

The logo for Moore4Medical, featuring the company name in a bold, sans-serif font, followed by a red heartbeat line graphic.

STMicroelectronics key contacts



Fabio Quaglia
ST project leader



Andrea di Matteo
ST project coordinator



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IMEC-BE



Björn Debaillie
Program manager IoT
IMEC representative (WP6)



Tom Torfs
Principle scientist CHS
IMEC technical lead (WP6)

“Technology has the power to improve lives. IMEC pushes the technology boundaries forward.”



IMEC is a world-leading independent research center in nano-electronics and digital technology. Headquartered in Belgium, IMEC has distributed R&D groups in Flanders, the Netherlands, Taiwan, USA, and offices in China, India and Japan.

International Iberian Nanotechnology Laboratory Systems Engineering Group



João Piteira
Group Leader



Álvaro Geraldes
AMS IC designer



Carlos Marques
System Architect



State-of-the-art research facilities, exclusively dedicated to nanoscience: nanocharacterization, system & IC design solutions, biological sciences, nanofabrication & processes and nanomaterial synthesis.

The INL campus is set in a 38,000 m² area of land in **Braga**, close to the Gualtar campus of **Minho University**



INL ICT Cluster – Driving technologies

Spintronics



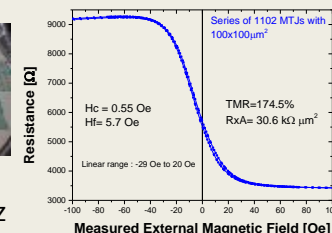
Pico-Tesla Magnetometers

High sensitivity
magnetoresistive sensors For
application in biological,
medical (MCG) and industrial
applications (Automotive).

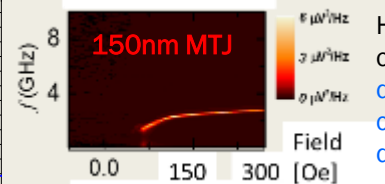
TMR Sensors



Detection Limit
30pT/Hz @ 4Hz



Nano-Oscillators



High frequency, large power oscillators for applications in digital electronics, communications and novel RF devices.

MEN



Flexible Electronics

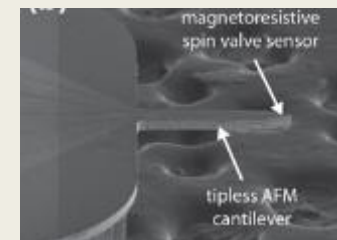
Development of
polyimide based
flexible interconnects
and devices.



Magnetic sensors
encapsulated in
Polyemide



High
resolution
magnetic
imaging
AFM tip



Hybrid Spintronic - MEMS Devices

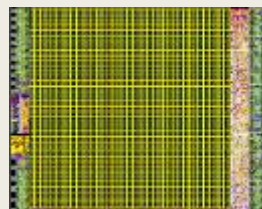
Hybrid devices integrating
two heterogeneous
technologies to achieve
new functionalities.

System Eng

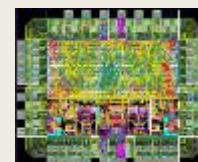


MEMS/Spintronics-CMOS Integration

IC circuit design for
high density
integration of
magnetic sensors
(magnetic imaging
and histology)



High Resolution 2-axes MEMS
accelerometer/inclinometer

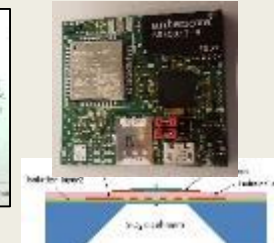


System Integration & IoT

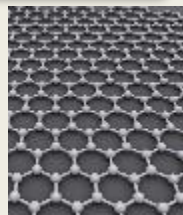
Portable handheld Potentiostat platform with multiplex sensor capabilities.



IoT Gas Sensor

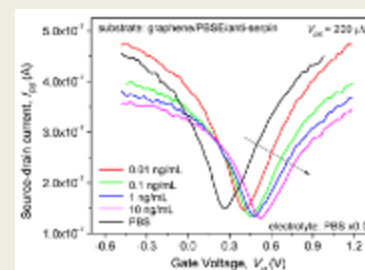


2D Devices



CVD deposition of Graphene

Development of a graphene compatible clean-room process for 200 mm wafer fabrication.



Graphene FET Biosensors

High sensitivity 2D system for chemical and biological detection with ultra-low concentrations.

Moore4Medical

ITAV – Who is who and where



Georgios Mantas
cybersecurity expert



Maria Papaioannou
PhD student



Marcus J. M. de Ree
PhD student



Joaquim Bastos
team leader



IT-Aveiro 1, headquarters of Instituto de Telecomunicações, inside the University of Aveiro campus, in Portugal. It hosts several labs, such as RF and Networking labs.

PDMFC – Who is who and where



Nuno Pedrosa
Cybersecurity
Engineer



Paulo Correia
Security Analyst



Francisco Loureiro
Privacy Researcher
- DPO

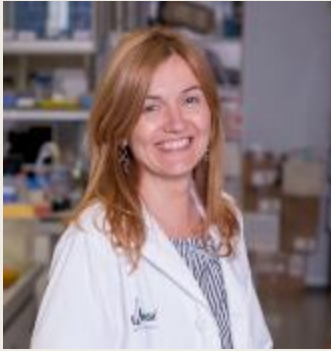
Luis Campos
R&D Director



PDMFC - Lisbon,
Headquarters of PDMFC – Portugal
(one of 6 offices around the world).
The Privacy and Cybersecurity lab is
located at the headquarters.



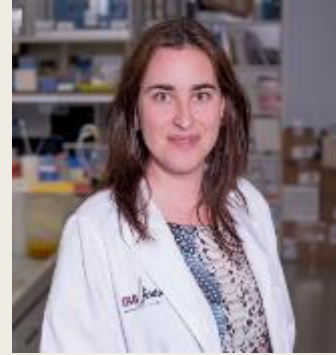
Fran Valenzuela
project leader



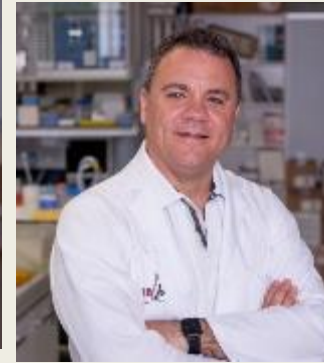
Montserrat Gea
PI GRECS



Manuel Sánchez
PI Precision Medicine



Esther Rubinat
Researcher



Joan Blanco
Researcher



Francesc Rubí
Researcher



Blanca Manuel
Primary Health Care



Building at the Health Science Campus of the
University of Lleida, Spain.

Capabilities



Manuel Sánchez De La Torre

RESPONSABLE DEL GRUPO
Doctor

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Gerard Torres Cortada
Investigador Principal



Mireia Dalmases Cleries
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Anabel Lourdes Castro Grattoni
Investigador en formación



Nuria Nadal Braque
Investigador



Ester Sapiña Beltran
Investigador en formación



Andrea Zapater Matute
Investigador en formación



Alicia Sánchez De La Torre
Investigador



Ivan Benitez Iglesias
Investigador

HI iberia - Who is who and where



Inmaculada Luengo
Financial coordinator
Head of R&D Department



Elena Muelas
Project Leader



HI-Iberia group is a technological consultancy founded in 1999. It is composed of three different SMEs:

- HOWARD INGENIERIA (High level consultancy)
- HI-IBERIA INGENIERIA Y PROYECTOS (Software development)
- SEAPLACE (Naval engineering)

HI-Iberia headquarters are located in Madrid and R&D department is located in our office in the north area (near Santiago Bernabeu Stadium)