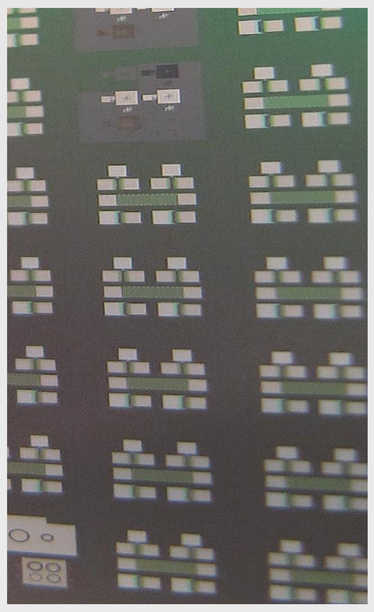
SENSIndoor

www.SENSIndoor.eu

at SENSOR+TEST:
Booth 5-411
Hall 5



Indoor air pollution with Volatile Organic Compounds (VOC) contributes significantly to the global burden of health problems.

SENSIndoor will measure the quality of indoor air.

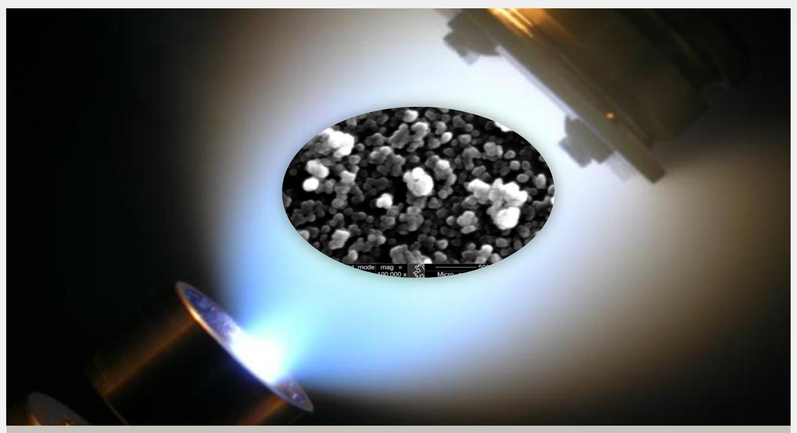
People spend 80% of their time indoors where air exchange is increasingly limited to reduce energy consumption.

SENSIndoor will enable smart, energy efficient ventilation systems.

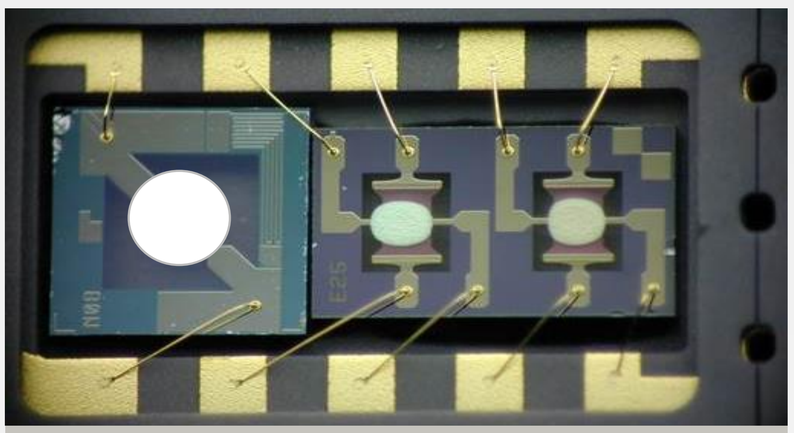
Material innovation

Novel system integration

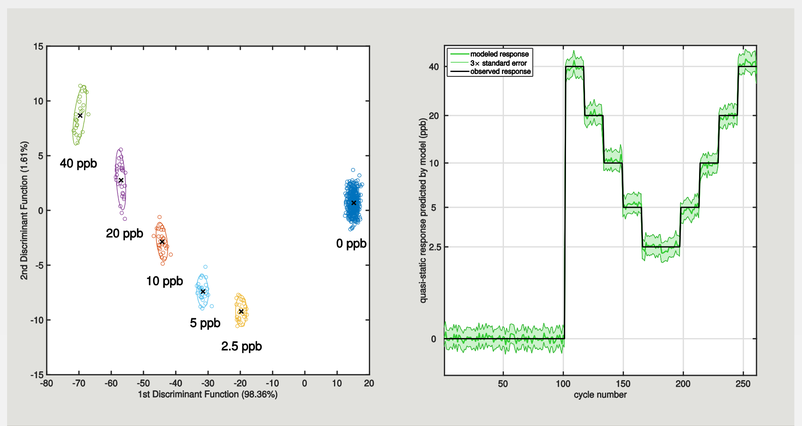
Accurate and reliable



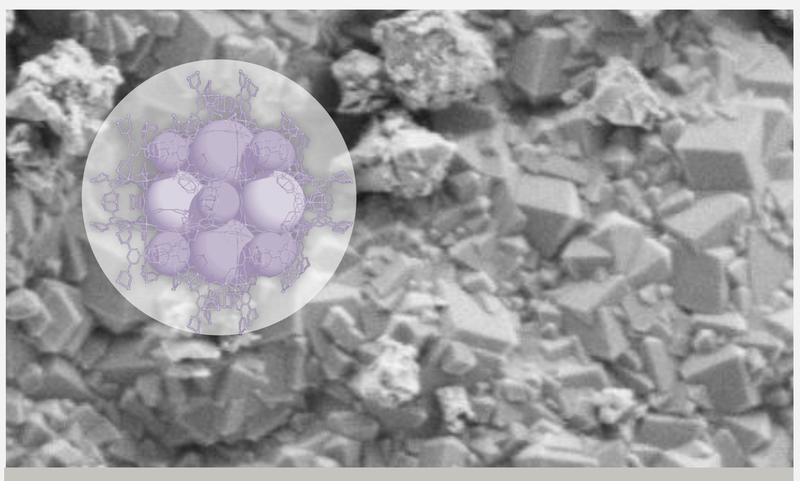
Extremely sensitive sensors: Nanostructured with Pulsed Laser Deposition (PLD)



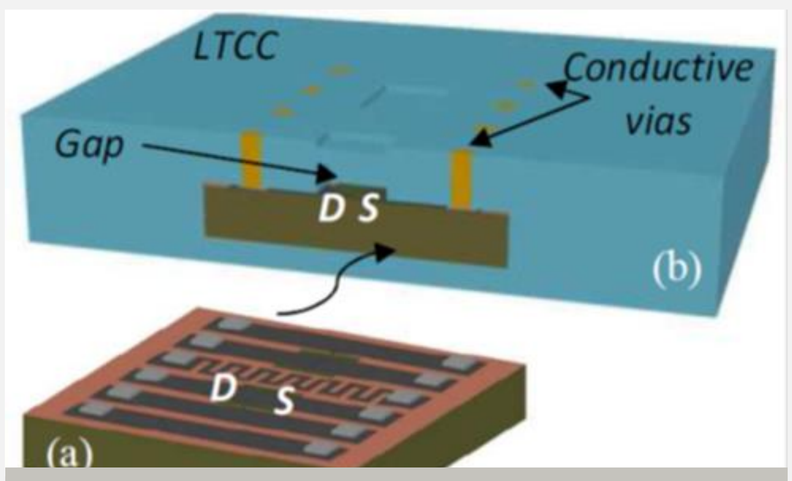
Sensor Pre-concentrator Microsystem: Boosted sensitivity in the ppb range



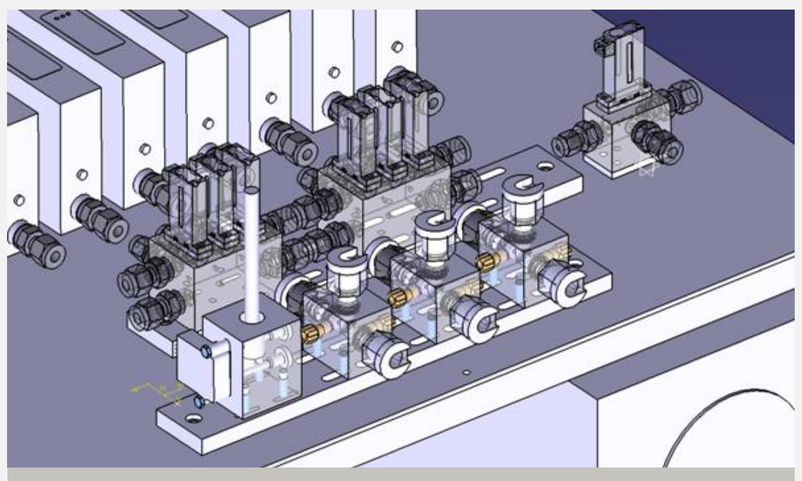
Multiple signal generation: Selective detection of toxic VOCs, e.g. formaldehyde and benzene



Selective and efficient: Pre-concentrators made of MIP and MOF layers



Smart Package Solution: SiC-FET integration in a Low Temperature Co-fired Ceramic (LTCC) module



Reliable: System calibration in the ppb- and sub-ppb-range.
Mobile units for field calibration

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SEVENTH FRAMEWORK PROGRAMME

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