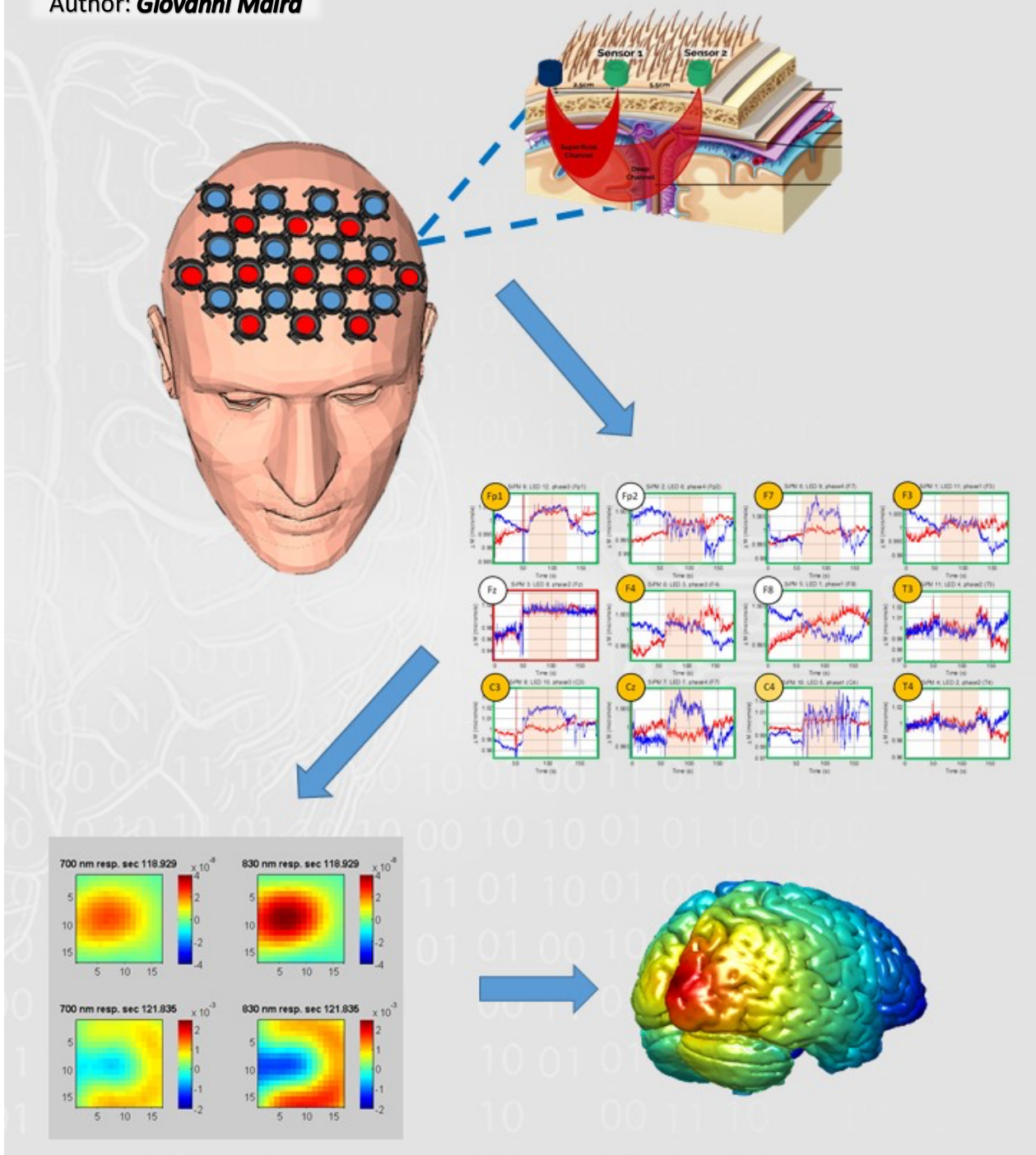


# FUNCTIONAL NEAR INFRARED SPECTROSCOPY OF HUMAN BRAIN TISSUES: STUDY OF MATERIALS, DEVICES AND SYSTEMS

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*Infrared light as non-invasive medical probe: Solid State Single Photon Detectors used in a system able to determine the oxygenation changes in human brain cortex during normal activities.*