

# **Smart Building application towards human wellbeing and safety**

George Themelis, PhD

Founder & CEO of Photognosis, Switzerland

PhotoGnosis develops intelligent systems for autonomous space awareness and workflow management systems for closed spaces such as smart buildings and vehicles. Our product design principles are: 1. respect people's privacy, 2. provide information-reach insights for people, and 3. autonomous functionality. Our products are based AI processing combined with in-house-developed novel sensor and display technologies. This holistic system architecture allows to achieve unprecedented insights about human presence and condition and serve the space awareness needs with minimal or no human intervention. In difficult times, such as the current pandemic, our product can be an ideal platform to safeguard the preventive care compliance or/and help safety or isolate potential carriers of virus from entering the workplace/living space and spreading it further