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i3N
INSTITUTO DE NANOESTRUTURAS, NANOMODELAÇÃO E NANOFABRICAÇÃO

INVITED SPEAKER

JOSEPH PARADISO

Professor in Media Arts and Sciences, MIT Media Lab &

Director of the Responsive Environments Group

SEMINAR

SENSING AND CONNECTING ACROSS SCALES

We are living in an era driven by ubiquitous sensing. The visions that many of us touted in the early days of ubiquitous/pervasive computing have largely come to pass in this age of IoT, and now sensors of all kinds are embedded in smart devices across our environments that draw very little power and connect seamlessly to widespread networking infrastructure. Where do we go next? The crux of much of this will be in how this information connects to people, and how our perception and cognition effectively expand beyond our corporeal confines. This talk will explore this viewed through the lens of recent projects happening in my Responsive Environments research group that involve sensing at various scales in the physical world (wearables, smart buildings, connected landscapes, and space missions) and how this information connects to people in different ways, from manifesting sensed or inferred phenomena in virtual analog environments to interfaces modulated by user attention and focus.

18 TH

OCTOBER, 2023
02:30 P.M.

AMPHITHEARTER LEOPOLDO GUIMARÃES
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