

Einladung zum Vortrag

11. Dezember 2018, 16.00 Uhr c.t.

Universität Bremen | Cartesium Rotunde



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Tecnico U. Lisbon and the President of Madeira-ITI

Cities are the New Galapagos: Using IoT and Ubiquitous Computing to Sense Urban Flows and Raise Ecological Awareness

In this talk I will argue that in the age of anthropocene cities are the “New Galapagos” and we should rethink how we design for this new ecological context. Building on recent findings from biology and ecology, that show raising biodiversity in urban environments, I build a discussion of the role of urban informatics in promoting more sustainable cities. In particular looking at the opportunities of rich urban environments and raising awareness of humans about sometimes-hidden phenomena of non-human contexts. I propose that instead of trying to push for new technology centric applications of sensors and networking platforms we should invest more in trying to find ecological uses of these technological possibilities. This should form a new eco-centric design approach for which I will provide several examples of ongoing work at Madeira-ITI and Técnico - U. Lisbon.

Biografie

Nuno Nunes is a Full professor at Tecnico U. Lisbon and the President of Madeira-ITI a research unit of the LARSYS Associated Laboratory. He's also adjunct faculty at the HCII at Carnegie Mellon University and the National Director fo the Carnegie Mellon Portugal International Partnership. Nuno's research interests lie in the application of models to software, system and service design for the domains of environmental sustainability and participatory culture. He edited 13 books and published 120 papers in international journals and conferences in the areas of software engineering, HCI and service science. He was PI and co-PI of several research projects totaling more than 12M€ from European to nationally and industry funded.

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