

Technical session

Two technical sessions will occur in parallel from 13:30 pm to 14:50 pm.

Technical session 01 - auditorium of the Design Department / UFPR

13:30 - 13:45 **Abstract 01: Used-oriented Sustainable Product Service System: A Case Study on Semi-arid Region In Brazil**

Authors: Leonardo Castillo; Carla Pasa Gómez; Suzanne Nóbrega Correia

13:45 - 14:00 **Abstract 02: Exploring Sustainability in the Early Stages of Product-service Systems Life Cycle: A Systematic Literature Review**

Authors: Thayla T. Sousa-Zomer; Aline Sacchi Homrich; Lucila M. Souza Campos; Marly Monteiro de Carvalho; Paulo A. Cauchick Miguel

14:00 - 14:15 **Abstract 03: The Dimension of Services at PSS: Evaluating the Olfative Experience Within the Serviscape**

Authors: Humberto Costa; Aguinaldo dos Santos

14:15 - 14:30 **Abstract 04: Product Service System at Social Innovations Initiatives**

Author: Liliâne Iten Chaves

14:30 - 14:50 **Debate**

Technical session 02 - classroom (to be defined) in the Design Department / UFPR

13:30 - 13:45 **Abstract 05: From Solid Waste to Value Innovation: Proposal for a R&d Process Based on Design Thinking, Design for Sustainability and Business Models**

Authors: Cláudio Pereira de Sampaio; Suzana Barreto Martins; Fernando Antonio Carneiro Moreira da Silva; Rita Assoreira Almendra

13:45 - 14:00 **Abstract 06: Digital Fabrication as an Enabler of Open and Distributed Manufacturing Strategies**

Authors: João Caccere; Aguinaldo dos Santos

14:00 - 14:15 **Abstract 07: Design and Change: Increasing the Success of Sustainable Product-service Systems Through Organizational Sciences**

Author: Ricardo Alexandre Leite Martins

14:15 - 14:30 **Abstract 08: Modu.lares Design Pilot Project: Barriers and Opportunities of Sustainable System Innovations**

Author: Viviane dos Guimarães Alvim Nunes

14:30 - 14:50 **Debate**

