

"Socio-cultural factors and their influence on the structuring of industrial symbiosis networks"

by Urška Fric, Ph.D. Fellow, Faculty of Information Studies in Novo mesto and
School of Advanced Social Studies in Nova Gorica, Slovenia
16 May 2017, 12:30 p.m.

The next Science Talk, organized by the Institute of Systems Sciences, Innovation and Sustainability Research, will be given by Urška Fric, Ph.D. Fellow (Faculty of Information Studies in Novo mesto and School of Advanced Social Studies in Nova Gorica, Slovenia) on the topic "Socio-cultural factors and their influence to the structuring on the industrial symbiosis networks". Her talk will take place on Tuesday, 16 May 2016 at 12.30 p.m. in the **meeting room of ISIS (Merangasse 18, 1st floor)**.

Duration: **Approximately one hour** including discussion.

The institute usually organizes three guest talks in each semester, covering its main research fields, i.e., systems sciences, innovation and sustainability research.

There is no need to register for the "ISIS Science Talk" and the participation is free of charge.

Bio-sketch

Urška Fric is Ph.D. fellow and teaching assistant at the Faculty of Information Studies in Novo mesto, Slovenia and doctoral student at the School of Advanced Social Studies in Nova Gorica, Slovenia. Her recent research interests include industrial symbiosis, industrial symbiosis networks and influence of socio-cultural factors on the industrial symbiosis networks.

Abstract

Nowadays, studying industrial symbiosis networks from economical and, specifically, from ecological point-of-view is a subject of numerous case studies, mostly performed in the areas of waste management, industrial ecology, circular economy, supply chain management and economy. Many studies, which try to answer questions regarding economy and ecology, focus mostly on the meaning, context and understanding of industrial symbiosis networks. In comparison with economic and ecological factors of industrial symbiosis networks, explicit scientific research on these networks in terms of social sciences has not received much interest, resulting in the lack of understanding regarding socio-cultural factors involved in creation of these networks and regarding connections between structural and relational characteristics of industrial symbiosis networks. Consequently, the opportunity has arisen to select a multi-disciplinary sociological approach to studying industrial symbiosis networks and to perform research on implementation and structuring of industrial symbiosis networks, which are under the influence of certain socio-cultural factors. The science talk describes the research foundation of the doctoral thesis and focuses on the following key question: how to successfully perform research on industrial symbiosis network structuring in the light of different socio-cultural factors, which impact the structuring itself. The purpose of this research is to stimulate the first steps into the sociological world of industrial symbiosis networks, analyze existing, known as well as not yet known, industrial symbiosis networks, and to ascertain the impact of socio-cultural factors on their formation.