

Seminar of the Project



December 4th 2018
Amphithéâtre Coriolis
Cité Descartes - Champs sur Marne

Building scientific research perspectives: infrastructures of tomorrow for energy transition

9h30-12h30 Conferences

Introduction

IFSTTAR welcomes four speakers around important stakes of energy transition.

Isabelle Blanc (Mines ParisTech)

Environmental assessment of renewable energies: towards integration of the storage issue

Gang Liu (University of Southern Denmark)

The role of socioeconomic metabolism in addressing sustainability challenges

Anaïs Rocci (ADEME)

Lever to change mobility behaviours and reduce energy consumption

Michael Havbro Faber (Aalborg University, Denmark)

On Resilience Informed Decision Support for the Management of Systems

14h-16h collective workshops

Participate to one of these workshops:

1. Renewable Marine energies
2. Autonomous vehicles in the transport system
3. Infrastructures resilience and energy transition
4. Circular economy

Registration

Registration deadline: November 13th 2018

Fees (for meal and coffee breaks): 25,60 €. Register on-line :

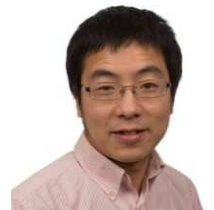
<http://ite.ifsttar.fr/index.php?id=4229>

About speakers...



Anais Rocci is a sociologist, specialist in mobility issues and analysis of behavioural changes (PhD carried out at IFSTTAR). She recently joined ADEME (The French Environment and Energy Management Agency) after working for 9 years at 6t design office.

Gang Liu is Professor in Industrial Ecology at University of Southern Denmark. He leads a research group that aims to map the anthropogenic/ socioeconomic metabolism and inform its sustainability transition through understanding materials and energy stocks and flows and their associated environmental consequences in a systems context. He serves as associate editor of Resource, Conservation and Recycling, vice chair of the SocioEconomic Metabolism section under the International Society for Industrial Ecology (ISIE), and was awarded of the prestigious Robert A. Laudise medal by ISIE for his "outstanding contributions to the field of industrial ecology".



Michael Havbro Faber is Professor in Risk Informed Decision Support for Structures at the Department of Civil Engineering, Aalborg University, Denmark. His main research interests focus on probabilistic systems modeling and analysis including quantification of risk, safety, robustness, resilience and sustainability. Since 2013, he is a member of the Danish Academy of Technical Sciences and he is presently the President of the Joint Committee on Structural Safety.

Isabelle Blanc is Professor at Mines ParisTech, at the head of activities on environmental impacts at the Center of Observation Impact Energy (O.I.E). She was researcher at INERIS, consultant at Bio Intelligence Service, lecturer at EPFL and Lausanne University before she became a professor at Mines ParisTech in 2010. She is a founding member of the EcoSD French national network that aims at promoting exchanges between researchers and companies to create and diffuse knowledge about eco-design of systems for sustainable development.



About ITE Project

It aims at federating researches on infrastructures for energy transition.

It is organized around four main axis that generate new researches: resilience of infrastructures, managing energy production and storage, energy efficiency of systems, and territorial organization.