

Scientific Seminar
SDSC Chair – UMR INRA SAD-APT
AgroParisTech, 16 avenue Claude Bernard, 75005 Paris, France
2017, 1st & 2nd June

**Changes in sustainable organization and food sector management:
Technical and organizational innovations and contractualization**

This scientific seminar aims to take stock of international developments in food sector organization, stakeholder reorganization and the new associated forms of contractualization, in response to the ongoing structural crisis in agriculture. Scientific studies and empirical efforts will be confronted in order to identify existing and potential solutions concerning support for producers, and the organization of new supply-chain forms to improve the creation and distribution of added value. The challenge involved in enhancing the organization and structuring of agriculture, together with the food-processing industry, distribution and catering, is a major one. This challenge is not just French but, in a context of reduced public support, and the evolution of the CAP, is also European. The various supply-chain sectors will be called upon to clarify the compromises and issues bound up with redefining the different forms of contractual commitment.

1. Call for Communications: Suggested Seminar Themes

- **Changes in sustainable organization and food-processing sector management:**
 - The new relations to be installed between actors
 - The new skills needed by actors to ensure collaborative sector management
 - The new collaborative tools for simulation/optimization/performance measurements
 - New traceability tools - including use of sensors- and their extensions to keep track of sustainable value creation
 - Demand and supply chain co-management tools: How should the corresponding specific demand and supply-chain levers of action be determined?
 - How should all these collaborative tools be managed: "Central" coordination authority, virtual network management, or other means?
- **Inter-actor contractualization:**
 - How can the impacts of price volatility and speculation be reduced: Development of both physical and virtual circular economy?
 - How can the inter-actor distribution of new added-value creations be determined: On a consensual basis, or based on mathematical models used in the new economy of sharing?
 - Multipartite contractualization: Fixed sale prices with revision clauses, volume commitment, commitment duration, etc.?
 - How could competition law and food-processing sector contractualization be reconciled?
- **New forms of sector organization, and short circuits envisaged from a circular economy and territorial development standpoint**



- How do the actors organize the new forms of international anchoring organization?
- How do the actors develop new forms of coordination to create added value?
- What are the new regulations applied in the sustainable food sectors?
- **Digital technology and Big Data in agriculture, the food-processing industry and distribution:**
 - How do internal, sector-generated, big data improve the simulation/optimization/sustainable performance measurement tools of a sector?
 - How do external big data (web, social networks) enable
 - better analysis of extended consumer and stakeholder demand, and help in developing products and services?
 - the improvement of sectoral actor behavior?
 - the guarantee of sectoral best practices and due respect of specifications

All these questions will be the subject of debate between scientists and professionals, mobilizing the points of view of researchers in economics, law, management, sociology, etc., and the experiences of professionals stemming from the agricultural and food-processing world, but also coming from logistics, digital technology, distribution, and so on. International researchers are also invited to present their research and experimental work (call for communications in English).

2. The SDSC Chair's objective

The SDSC Chair's goal is to put Sustainable Development at the strategic heart of demand and supply-chain management in order to create more value, and to develop the organization and management of the food-processing sectors.

The SDSC approach is built around two main concepts:

- Extended Demand (ED): Expectations of both consumers and other stakeholders (sectoral actors, local authorities, the state, associations, etc.)
- DSC (Demand-Supply Chain): actors with the same objective, that of responding to ED

The SDSC approach predominantly consists in

- characterizing the specific ED that needs to be satisfied and the innovation to be integrated
- constituting the DSC and defining its organization and management

In order to develop sectoral organization and management the Chair is elaborating new information systems and collaborative tools:

- New systems of traceability based on new GS1 standards (recording of event of traceability but also event of sustainable value creation)
- Modeling of the sustainable value creations in the sector
- Collaborative tools of simulations/optimization/measure of sustainable performance for value creations with the combined management of the demand and the supply chain at the sector level
- New sustainable contractualization between the actors, with fixation of "revisable fixed" prices (to set against the price volatility and the speculation) and by developing the physical or virtual circular economy



3. Practical organisation

Seminar fees

	Full fee	Reduced fee for Ph.D. students
Early bird registration Before 2017, April 30 th	150 € (free social event)	100 € (free social event)
Late registration After 2017, April 30 th	200 € (+ 50 € for social event)	150 € (+ 50 € for social event)

Special edition of scientific journal (publication for 2018)

Participants who would like to present a **Contributed Paper** at the Congress are required to Submit their **full paper** in English (Max. 12 pages including Figures, Tables, References and Appendices; Times New Roman font, point size 12, single spacing, **150 words Abstract**, **Five Keywords** as well as the selection of **Four Topics**) before **6th February, 2017**.

Please use the **Contributed Paper Template** provided at <http://www.chaire-sdsc.org/spip.php?rubrique122>
And **Send** the document at : SDSCseminar2017-June@agroparistech.fr

Calendar

Registration opens	2016, 5 th December
Deadline for submission of abstracts	2017, 6 th February
Notification of acceptance/rejection	2017, 15 th February
Deadline for submission of the full paper	2017, 18 th April
Early bird registration (low price) closes	2017, 30 th April
Registration closes	2017, 22 nd May
Seminar takes place	2017, 1 st & 2 nd June

Committees:

Scientific Committee : Dominique Barjolle, Jos Bijman, Alain Chapdaniel, Michael Cook, Frédéric Courleux, Maryline Filippi, Emmanuel Raynaud, Loic Sauvée, André Torre, Gilles Trystram.

Steering Committee: Alain Chapdaniel, Maryline Filippi, Armelle Guilloux (Ellipso), Morgane Le Moigno (Sad-Apt).

Contact:

SDSCseminar2017-June@agroparistech.fr

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