PSE is launching a series of annual conferences on the new economic and technological challenges, as well as on the new social and ethical standards.

Governments, businesses, NGOs and the world’s citizens face a paradigm shift in the current context of globalization, digital development, artificial intelligence and environmental and demographic transitions that drive in place more ethical and inclusive forms of governance. A new agenda for research and exchanges between society and academia is therefore needed to face up to these challenges.

The PSE Annual Conferences on Global Issues aims to bring together these different actors around the questions posed by the ongoing transitions in the context of a scientific project of international scope.

The ultimate goal is to find the way to a better reconciliation of private and public interest, an imperative to avoid the emergence of economic and social conflicts with dramatic consequences for the citizens of the world. It is therefore a question of bringing out intelligent strategies and policies, totally inscribed in the potentialities and dangers of current transitions.
Welcome

9:00 - 9:30

9:30 - 11:00

**Session 1: Smart Cities**
Chaired by Carine Staropoli (University Paris 1/PSE)

- Carine Staropoli* (University Paris 1/PSE): « Digital transformation of cities at a crossroad »
- Julie de Brux* (Citizing): « Socio economic evaluation of smart cities – methodological issues and practicies »

11:00 - 12:30

**Keynote Lecture**
Emmanuel Bacry* (CNRS/Dauphine-PSL) : « Data Science: Scientific context and societal issues »

12:30 - 14:00

Lunch

14:00 - 15:30

**Session 2: Labour markets**
Chaired by Dominique Meurs (INED/PSE)

- Dominique Goux (CREST) and Éric Maurin* (EHESS/PSE): « Forty years of Change in Labor Supply and Labor Demand by Skill Level »
- Antoine Bozio (EHESS/PSE), Thomas Breda* (CNRS/PSE) and Malka Guillot (ETH Zürich): « Taxes and technological determinants of wage inequalities: France 1976-2010 »
- Éric Maurin (EHESS/PSE) and Sara Signorelli* (EHESS/PSE): « Technological Change and the Decline in Internal Labour Markets »

15:30 - 17:00

**Session 3: New Data and Economic Analysis**

- Gabrielle Demange* (EHESS/PSE) : « Transaction data and financial regulation »
- Thanh Long Huynh* (Quant Cube) : « Massive Data Analytics for Macro Nowcasting »
- Francis Bloch* (CNRS/PSE) : « Pricing in social networks with anonymized information »
December 19, 2019

Welcome

9:30 - 11:00  **Session 4: Technology and productivity**
Chaired by Ariell Reshef (CNRS/PSE)

- James Harrigan (University of Virginia), Ariell Reshef* (CNRS/PSE) and Farid Toubal (ENS Paris Saclay): « Techies, Trade, and Skill-Biased Productivity »

11:00 - 12:30  **Keynote Lecture**
Philippe Aghion (Collège de France-PSL/PSE): « On the effects of AI and automation on growth and employment »

12:30 - 14:00  Lunch

14:00 - 15:30  **Session 5: Big data, public policies and environment**
Chaired by François Libois (INRA/PSE)

- Justine Knebelmann* (EHESS/PSE), Victor Pouliquen (EHESS/PSE) and Bassirou Sarr (EHESS/PSE): « Bringing property owners into the tax net: avenues of fiscal capacity and local accountability »
- Etienne Madinier* (EHESS/PSE): « Broadband internet access in France and electoral outcomes »
- Irene Hu (University Paris 1/PSE) and François Libois* (INRA/PSE): « Man overboard: industrial fishing as driver of out-migration in Africa »

15:30 - 16:30  **Table Ronde**
Transitions numériques et IA : quelles transformations des entreprises ?
Florence Lustman (FFA), Henri-Paul Rousseau (Noovelia), Aurélie Gracia-Victoria (DGE) et Michel Jumeau (Orange France).
Modérateur : Pierre-Yves Geoffard (PSE/CNRS)

16:30 - 17:30  **Table Ronde**
Transitions numériques : quelles formations pour les métiers de demain ?
Antoine Fouche (Ministère du Travail), Maurice Lévy (Publicis/WeWork), et Henri Verdier (Ministère de l'Europe et des Affaires étrangères).
Modératrice : Maya Bacache (Collège de l’ARCEP, Mines-Telecom, PSE)

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