

**THIS MONTH FORUM'S PICKS**

10/20/2019

## **Global Challenges in Transport: Smart Technologies**

Scientifique

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Residential course

**Start date** : 17 March 2020 13:15**End date** : 20 March 2020 13:15**Where** : Oxford | Royaume-Uni**Hosted by** : Transport Studies Unit, University of Oxford**Information sources** :<https://www.tsu.ox.ac.uk/course/smart-technologies.html>

Rapid changes are taking place in transport systems and mobility cultures across global regions. A variety of actors are investing growing resources in developing new technologies and innovative solutions for transport and mobilities.

This 4-day residential course offers the latest thinking on how these changes in technology can be understood, and the implications for the future of transport demand. It explores in depth the emerging contemporary mobility cultures in different global regions. There is a specific focus on the development and diffusion of smart technologies and new perspectives on their potential to help reduce transport-related environmental impacts, as well as their effects on people's mobilities and everyday lives.

The core sessions of the programme cover key topics for the understanding and development of smart technologies including:

- The ethics and societal implications of automation;
- Electric vehicles (EVs): adoption and vehicle-to-grid transitions;
- Governing transport in the smart city;
- The future of shared mobilities;
- Mobility as a service;
- Innovations in freight transport;
- New technologies in public transport.

At the same time, the course also provides practitioners with innovative perspectives and interdisciplinary approaches to the adoption of smart technologies, including insights from social science, geography and anthropology.

Participants are encouraged to take an active part in the sessions, which emphasise small-group teaching, critical thinking, and debate. You will be able to draw on expertise from different sectors and disciplines to develop new insights into the challenges you encounter in your day-to-day professional practice.

<sup>1</sup> <https://en.forumviesmobiles.org/agenda/2019/10/20/global-challenges-transport-smart-technologies-13063>

<sup>2</sup> <https://en.forumviesmobiles.org/la-communaute/agenda/list%3Ftype%3Dall>

<sup>3</sup> <https://en.forumviesmobiles.org/la-communaute/agenda/list%3Ftype%3Dselection>

<sup>4</sup> <https://en.forumviesmobiles.org/la-communaute/agenda/list%3Ftype%3Dfvm>

<sup>5</sup> <https://en.forumviesmobiles.org/data%3AApplication/octet-stream%2CBEGIN%253AVCALENDAR%250D%250AVERSION%253A2.0%250D%250APRODID%253A-%252F%252Fproject%252Fauthor%252F%252FNONSGML%2Bv1.0%252F%252FEN%250D%250ACALSCALE%253AGREGORIAN%252F%252Fday%2Bresidential%2Bcourse%2Boffers%2Bthe%2Blatest%2Bthinking%2Bon%2Bhow%2Bthese%2Bchanges%2Bin%2Btech-related%2Benvironmental%2Bimpacts%252C%2Bas%2Bwell%2Bas%2Btheir%2Beffects%2Bon%2Bpeople%25E2%2580%259Fto-grid%2Btransitions%253B%250D%250A%2B%2B%2B%2BGoverning%2Btransport%2Bin%2Bthe%2Bsmart%2Bcity%253B%250F%252Fgroup%2Bteaching%252C%2Bcritical%2Bthinking%252C%2Band%2Bdebate.%2BYou%2Bwill%2Bbe%2Bable%2Bto%2Bdraw-to-day%2Bprofessional%2Bpractice.%250D%250AURL%253BVALUE%253DURI%253Ahttps%253A%252F%252Fen.forumviesmobiles.org/agenda/2019/10/20/global-challenges-transport-smart-technologies-13063%250D%250ASUMMARY%253AGlobal%2BChallenges%2Bin%2BTransport%253A%2BSmart%2BTechnologies%250D%250A>

<sup>6</sup> <https://www.tsu.ox.ac.uk/course/smart-technologies.html>