



VIU PhD academy MOBILITY CHALLENGES FOR FUTURE SOCIETY

**May 13 – 17, 2019
Venice International University
Isola di San Servolo, Venice**

VIU International PhD
Academy

Mobility Challenges for Future Society

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University

Scientific coordinators:

Marco Mazzarino
Iuav University of Venice

Lucio Rubini
VIU-TeDIS Program

This program is a VIU Global
Challenges Initiative

Shared mobility, autonomous driving, vehicle electrification, connectivity, Internet of Things and other advances are transforming urban mobility. By setting the scene around the fast-moving trends influencing urban-mobility systems around the world, the program provides participants with advanced skills for successfully implementing PhD research projects on mobility related issues.

Background

Mobility these days refers not only to physical movement but also to the mobility of ideas and images, which have undergone great change with new technologies that increase physical as well as perceived accessibility.

For cities, especially in the historical urban context, mobility is an area in which public administrations face many of the challenges of the future society, such as equity, inclusion, sustainability, energy efficiency. Among these issues, the usability of the urban centers is on the top of the agenda in many international contexts, where the co-existence of different activities risks being overwhelmed by the supremacy of a single vocation. In the last decades, public policies targeting such issues deal with the technicalities of managing the movement of people and goods, or addressing the demand, or the infrastructural performance of the transport network. In few cases, they face the problem of reframing the whole phenomenon through an integrated approach.

On the one hand, this phenomenon, especially for cities with high tourism potential, has increased further in recent years due to the development of digital platforms that have intensified the mono-vocation usage of the cities. On the other hand, the exploitation of these technologies is still under-utilized for implementing public policies on mobility, whereas they could strongly enhance the livability of the urban centers.

This PhD Academy will be led by:

- VIU-TeDIS Program
- Iuav University of Venice
- University of Rome Tor Vergata
- KU Leuven
- University of Padua
- Ca' Foscari University of Venice

Description

The program is organized in three thematic tiers: (1) the definition of the theoretical framework composing the topic; (2) the examination of a portfolio of international best-practices and research projects (3) a review of the main application tools.

The program also includes (4) site-visits to provide participants with practical examples of the issues at stake; (5) a parallel program of training in a range of Transversal Skills for developing their academic careers and (6) poster sessions for the participants to present their PhD research projects.

Topics

- **The approach of management studies to urban sustainable mobility**
Research methods, new perspectives and emerging trends
- **Challenges of mobility in the historical city center**
ICT approaches to address the over tourism phenomenon (Venice case-study).
- **Innovation issues in public transport**
Operational planning and management issues; decision support for personalized city-trip planning
- **Innovative mobility policies for last-mile people and goods transport in historical cities**
Data-driven approach as support to model-based simulation of urban transportation system
- **Transversal skills for academic careers**
Project management, Publishing and evaluating research results, Design Thinking and creativity

Learning outcomes for participants

The program provides participants with advanced skills for successfully implementing PhD research projects on mobility-related issues through an international and multi-disciplinary approach. It deals with quantitative as well as qualitative research methods applied across the governance, regulation and planning of movement of people and goods. The aim is to provide a comprehensive understanding of the issues related to the challenges of mobility in the future society.

Level of students and suitable fields of study

This PhD Academy is offered to PhD students, Post-docs in Urban Design, Urban Mobility, Sustainability, Economics, Management and Digital Technologies applied to Cultural Heritage Tourism Economics and Management, Transport economics and policy, Transport planning. Open to candidates from all the VIU Member Institutions.

Applications from excellent candidates from non-member institutions will be also considered.

Fees & Grant Support

Students from the VIU member universities will pay no participation fees. Grant support is also available to support, partially or fully, the costs of international travel and accommodation.

The participation fee for students of non-member universities is Euro 1000,00 + VAT .The fee is inclusive of tuition, course materials, accommodation, lunches, social events and taxes). Students from non-member institutions are not eligible for VIU grant support.

PhD Students in EU universities may be eligible for Erasmus+ funding. Refer to international offices in home universities or contact VIU Erasmus office: erasmus@univiu.org.

The final program will be available on the VIU website

Applications

December 15, 2018 – January 20, 2019

via the VIU website.

Applicants must submit the (1) application form, (2) a letter of motivation – which should include a short bio and a brief description of the candidate's research project, (3) a curriculum vitae and (4) a photo.

Selected participants will be asked to present a poster.

VIU International PhD Academies

Venice International University holds two International PhD Academies each year. They are intensive training opportunities open to PhD candidates from the member universities of VIU.

A PhD is the highest diploma awarded by universities in the world, and PhDs are naturally expected to take on major responsibilities in their professional life. Apart from the disciplinary scientific skills acquired during doctoral study and research, it is the ability to respond to the requirements of creativity, innovation and project management, that produce the significant added value of a doctoral degree.

Whether they will work within or outside academia, PhDs must be able to develop a forward-looking vision of the challenges they have to face. The interdisciplinary approach of all VIU activities is adopted also in the PhD Academy, where the participants have the opportunity to meet their peers from all over the world, and to tackle transversal topics.

Location



Venice International University

Isola di San Servolo

30133 Venice

Italy

T +39 041 2719511

F +39 041 2719510

E phdacademy@univiu.org