

# Digitalization in Migration Inclusion

## **Day 1 Introduction**

Introduction to the concept of integration and migrant integration in the EU; Introduction to policy and practices; Introduction to digitalization.

## **Day 2 Digitalization at borders (morning)**

Many countries plan use, or plan to use, automated decision-making or 'artificial intelligence' in the context of immigration and border control. This session will summarise the main trends in the use of automated decision-making at borders. The session will explore the following questions. What are the main ways that automated decision-making is used, or is planned to be used, at the borders of the EU? Does such automated decision-making bring discrimination-related risks for a specific group of people, and if so: which risks? What are the gaps, if any, in the knowledge about automated decision-making at borders? We will discuss literature from various fields, including social sciences, geography and migration studies, and law.

### **Digitalization, automation and migrants (afternoon)**

How has digitalization become an integral part of our daily lives? We will discuss the widespread digitalization and automation in our current daily lives, including but not limited to, for example, mortgage applications and insurance fees (e.g., the behaviour-based algorithm). How are migrants included in these algorithms? Is there any potential bias in algorithms, and if so, what are the biases and why? What is technical bias or societal bias in AI? The 'black box' of AI will be opened and discussed in different phases. Interdisciplinary insights on machine learning algorithms will be introduced from the perspectives of data justice, non-discrimination law and personalised pricing. Abundant cases and ethical concerns will be discussed to lead to a more responsible and inclusive AI.

## **Day 3 Digitalization & Employment (morning)**

Recruitment is a complex system, and making positive changes to the system that involves opportunities for the development of technologies, personnel structure, and industrial revolution. This session will first discuss the current situations and possibilities for a just AI system to support recruitment. To integrate the many stakeholder viewpoints, people are creating a human-centred framework for designing and developing AI recruiting technology. A future direction of *hybrid intelligence* will also be deeply discussed.

### **The Use of New Technologies by Migrant Entrepreneurs in Two European Cities (afternoon)**

Over the last 40 years, the growth and implementation of new technologies (in particular, ICTs) have made it possible to instantly virtually cross national borders to establish, enjoy, and maintain social links.

This also applies to migrant entrepreneurs, and even more so to transnational migrant entrepreneurs, i.e. migrants who carry out business activities in connection with other countries. Previous literature has frequently underlined the connection between ICTs and transnational business practices, albeit implicitly. However, few studies have focused on the role of new technologies in transnational business activities carried out by migrants. Based on the empirical evidence generated through 70 interviews with Moroccan transnational and domestic entrepreneurs living in Amsterdam and Milan, the chapter addresses this role, stressing that ICTs are most important for migrants running a transnational business. First, ICTs make it easier to start and develop the cross-border business, by helping to reduce both the necessary time and the financial costs; secondly, different forms of communication (synchronous vs. asynchronous) are used according to different purposes; finally, transnational entrepreneurs need constant physical mobility to make ICTs effective in business relations.

**Day 4 RUNOMI annual conference (highlight)**

On the fourth day, it will be the fifth edition of the RUNOMI annual conference, during which RUNOMI scholars present the results of their research.

**Day 5 Media, Digital Media, and Migration (might be rescheduled to another day depending on the lecturer's agenda)**

The goal will offer a platform for attendants to develop their critical thinking and research skills for making sense of the intricate relationships between media and migration across different sociopolitical and cultural contexts and the drivers of migration (e.g., economic, political, environmental, cultural, humanitarian, and so forth). In addition to her role as an assistant professor at Radboud University, Noemi has extensive experience as an investigative journalist.

**Presentation & reflection**

Participants will provide group posters/presentations based on their new insights and inspirations from the summer school and the conference this week. During the wrap-up session, all the participants will have an overview of the topics on digitalization in migration inclusion, and the future interdisciplinary research agenda will be discussed.