Beyond 4.0 Summer School 2021
Transforming workplaces through digitalisation

Day 1 - June 1

Topic - Digitalisation of work and production

09:00 - 09:45 Official Opening
Egoitz Pomares & Chris Warhurst

09:45 - 10:30 Digitalisation of work and production I
Peter Oeij & Ronald Dekker

10:30 - 10:45 Break

10:45 - 11:30 Digitalisation of work and production II
Steven Dhondt & Raymond Mortizaan

11:30 - 12:15 Digitalisation of work and production III
Marie-Christine Fregin

12:15 - 13:15 Engaging PhDs: Pitch de PhD
Egoitz Pomares & Sally-Anne Barnes

13:15 - 13:30 Closing Remarks
Egoitz Pomares

Day 2 - June 2

Topic – Historical Analysis & Data Sources

09:00 - 09:45 Historical Analysis & Data Sources I
Raymond Mortizaan & Mark Levels

09:45 - 10:30 Historical Analysis & Data Sources II
Nathalie Greenan & Silvia Napolitano

10:30 - 10:45 Break

10:45 - 11:30 Historical Analysis & Data Sources III
Enrique Fernandez

11:30 - 12:15 Engaging PhDs: How to get published
Chris Warhurst

12:15 - 13:15 Engaging PhDs: Pitch de PhD
Egoitz Pomares Sally-Anne Barnes

13:15 - 13:30 Closing Remarks
Raymond Mortizaan & Mark Levels
Day 3- June 3

Topic – (Regional) Responses to Digitalisation

09:00 - 10:00  Responses to Digitalisation I
   Steven Dhondt & Ezra Dessers

10:00 - 10:30  Responses to Digitalisation II
   Erik Stam

10:30 - 10:45  Break

10:45 - 11:30  Responses to Digitalisation III
   Ronald Dekker & Peter Oeij

11:30 - 12:15  Responses to Digitalisation IV
   Mattia Frapporti & Maurilio Pirone

12:15 - 13:15  Engaging PhD: Careers Session
   Chris Warhurst

13:15 - 13:30  Closing Remarks
   Steven Dhondt & Ezra Dessers

Day 4- June 4

Topic – Social Policy and Skills

09:00 - 09:45  Social Policy and Skills I
   Antonious Schröder & Michael Kohlgrüber

09:45 - 10:30  Social Policy and Skills II
   Olavi Kangas

10:30 - 10:45  Break

10:45 - 11:30  Social Policy and Skills III
   Peter Totterdill

11:30 - 12:15  PhD Students Awards
   Egoitz Pomares

12:15 - 13:15  Closing Remarks
   Antonious Schröder & Michael Kohlgrüber

13:15 - 13:30  Farewell
   Egoitz Pomares, Chris Warhurst & Steven Dhondt
BEYOND 4.0

BEYOND4.0 Summer School 2021: Transforming workplaces through digitalisation

April 21st, 2021
Egoitz Pomares, Chris Warhurst, Steven Dhondt, Peter Oeij

beyond4.0.eu

This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 822293.
Index

1. General overview
2. List of participants
3. Detailed planning
4. Instructions for PhD’s

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1. General overview

BEYOND4.0 Summer School 2021: ‘Transforming workplaces through digitalisation.’
San Sebastian, Spain.
From: 1st of June
To: 4th of June

What is this Summer School about?
This summer school's main objective is to provide comprehensive training based on an intensive program on digitalisation and automation. The event aims to deepen understanding of evidence-based policies with the transformative potential to shape work and welfare in the Digital Age.

BEYOND4.0 aims to help deliver an inclusive European future by examining the impact of the new technologies on the future of jobs, business models and welfare. Our project employs cross-disciplinary and innovative research methods combining historical, EU-wide, regional and company-level data. The project aims to promote an inclusive digital economy that provides decent work and a decent living for EU citizens.

The Summer School will be topic-oriented, and will follow four main drivers:

1. Digitalisation of work and production:
   - How to study and research work and welfare in the digital age
   - How to study socio-economic consequences of technological transformations

2. Historical analysis and data sources:
   - How to study technological transformations from a historical perspective
   - What kind of data sets are useful and how to best use and connect them

3. Regional responses to digitalisation:
   - How to study regional contexts and ecosystems and their economic digital transformation

4. Social policy and skills:
   - How to study platform economies concerning welfare, tax and inclusiveness
   - How to understand future skills and roles of stakeholders

European top-tier research and academic institutions will discuss all topics. Along with BEYOND4.0, other consortia from the H2020 programme are participating, such as TECHNEQUALITY and PLUS. Also, other research actions, such as PARADIGMS4.0 will also be present. Supporting networks are the European School of Social Innovation (ESSI) and the European Network of Workplace Innovation (EUWIN).

During the course, multi-disciplinary, topics, and diverse methodologies will be explained. The programme includes a range of academic activities such as lectures, roundtables and workshops.

COVID 19 Scenario: due to the current global pandemic situation, we will consider alternatives for carrying out the course with normality in case we are not allowed to have in-person activities.

Who can apply?
The Summer School is offered to multi-disciplinary and international individuals researching digitalisation. A maximum of 25 outstanding PhD students will be admitted. Considering the different topics that the Ph.D. students are developing in their studies, the common concern on methodologies, categories, and analysis approaches will be the main instrumental focus.
Therefore, international PhD students will be required to have active participation. Besides, policymakers at regional, national and EU-level along with practitioners and entrepreneurs can enrol.

The Summer School has an academic validity, and students will receive an assistance certificate.

**Key dates**

Applications are due by the 30th of March 2021.

**How to apply**

Registration is now open:


**Tuition**

The tuition fee for the program is free. We will provide you with a welcome kit with all course material.

Please note that the Summer School does not cover travel, accommodation and lunch costs for the entire week.

**Organising Committee**

- Professor Dr Chris Warhurst – Institute of Employment Research, University of Warwick (United Kingdom)
- Dr Egoitz Pomares – University of the Basque Country-Sinnergiak (Basque Country, Spain)
- Professor Dr Steven Dhondt – Netherlands Organisation for Applied Scientific Research (The Netherlands), KU Leuven (Belgium)

**About Beyond4.0**

A consortium of ten European universities and research institutes are delivering the work. Check our website for more information about us: https://beyond4-0.eu/the-project

For further information, please contact us:

- Coordination of the Summer School: Egoitz Pomares (epomares@sinnergiak.org)
- Coordination of the project: Peter Oeij (peter.oeij@tno.nl)

**Promotion**

*Transforming workplaces through digitalisation* Summer School 2021 is an initiative of Beyond4.0, which has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 8222293. BEYOND 4.0 addresses the general priorities of the H2020 Work Programme (2018-2020) “Europe in a changing world - Inclusive, innovative and reflective societies”.

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**Beyond4.0 - Summer School 2021 – Overview**
Introduction to the Summer School: Objectives

The Summer School’s main objective is to provide comprehensive training based on an intensive program on digitalisation and automation. The event aims to deepen our understanding of evidence-based policies with the transformative potential to shape work and welfare in the Digital Age. The activity offers a scenario to reflect the state of progress of the projects. There will be strands in areas such as the digitalisation of production, the digitalisation of work, skills, data sources, historical analysis and social policy. The Summer School is focused on sharing and discussion. Besides, the Summer School will enable PhD students to present their current research work.

The Summer School will be topic-oriented and will follow four main drivers:

Digitalisation of work and production:
- How to study and research work and welfare in the digital age
- How to study socio-economic consequences of technological transformations

Historical analysis and data sources:
- How to study technological transformations from a historical perspective
- What kind of data sets are useful and how to best use and connect them

Regional responses to digitalisation:
- How to study regional contexts and ecosystems and their digital economic transformation

Social policy and skills:
- How to study the impact of platforms on welfare, tax and inclusiveness
- How to understand future skills and roles of stakeholders

Researchers from European top-tier research and academic institutions will discuss all topics. Along with BEYOND4.0, other consortia from the H2020-programmes are participating, such as TECHNEQUALITY and PLUS. Also, other research actions, such as PARADIGMS4.0 will be present. Supporting networks are the European School of Social Innovation (ESSI) and the European Network of Workplace Innovation (EUWIN).

Specific Objectives

- To reflect the project’s state of progress and present findings from the project on social policy; historical analysis; data sources; skills; policy-making; digitalisation of work and production.
- To enable young European PhD students to present their work. A special session will be organised to help develop students’ skills (e.g. EU policy engagement, communicating research to a wider audience)
- To feature parallel session in cooperation with other relevant EU-level research projects, networks and institutions.

Activity directed to

- University students
- Students not from university
- Teachers
- Professionals
Methodology

During the course, diverse topics and multi-disciplinary methodologies will be explained. The programme includes a range of academic activities such as lectures, roundtables and workshops. BEYOND4.0 aims to help deliver an inclusive European future by examining the impact of the new technologies on the future of jobs, business models and welfare. Our research project employs cross-disciplinary and innovative research methods combining historical, EU-wide, regional and company-level data. The project aims to promote an inclusive digital economy that provides decent work and a decent living for EU citizens.

Beyond4.0 (H2020) Consortium:

The BEYOND4.0 consortium is composed of nine European universities and research centres. The consortium is responsible for organising the second edition of the Summer School. Sinnergiak - the University of the Basque Country, the Institute for Employment Research - University of Warwick and TNO are the core designers of the programme. BEYOND 4.0 addresses the general priorities of the H2020 Work Programme (2018-2020) "Europe in a changing world - Inclusive, innovative and reflective societies". This project receives from the European Union’s Horizon 2020 research and innovation programme under Grant Agreement No 822296.

- Sinnergiak - University of the Basque Country (Spain)
- Institute of Employment Research - University of Warwick (UK)
- The Netherlands Organisation of Applied Research (Netherlands)
- Department of Social Research - University of Turku (Finland)
- Le CNAM-CEET (France)
- Institute of Philosophy and Sociology - Bulgarian Academy of Sciences (Bulgaria)
- Sozialforschungsstelle Dortmund - Technische Universität Dortmund (Germany)
- Institute for Innovation and Public Purpose - University College London (UK)
- University of Helsinki (Finland)
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<th>Time</th>
<th>Topic</th>
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*BEYOND4.0* - Egoitz Pomares & Chris Warhurst

*TECHNEQUALITY* - Raymond Mortizaan & Mark Levels

*PARADIGMS4.0* - Steven Dhondt & Ezra Dessers

Curfew: BEYOND4.0 - Egoitz Pomares, Chris Warhurst & Steven Dhondt & Ezra Dessers
3. Detailed planning

**Day 1 - June 1st**
**Topic - Digitalisation of work and production**

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<td>Digitalisation of work and production I</td>
<td>Peter Oeij</td>
<td>Ronald Dekker</td>
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<td>Digitalisation of work and production II</td>
<td>Steven Dhondt</td>
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<td>Digitalisation of work and production III</td>
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**Day 2 - June 2nd**
**Topic – Historical Analysis & Data Sources**

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<td>Nathalie Greenan</td>
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<td>Enrique Fernandez</td>
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**Day 3 - June 3rd**
**Topic – (Regional) Responses to Digitalisation**

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<td>Responses to Digitalisation I</td>
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**Day 4 - June 4th**
**Topic – Social Policy and Skills**

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<td>Michael Kohlgrüber</td>
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<td>Social Policy and Skills II</td>
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<td>Farewell</td>
<td>Egoitz Pomares</td>
<td>Steven Dhondt, Chris Warhurst</td>
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4. Instructions to PhDs

More information will be published soon. PhD students will be contacted through for the preparation of the Summer School and special session on engagement.