



# The Digital Manufacturing and Design

European Training Network (ETN) in Industry 4.0

## Newsletter #1

September 2020

 [dimanditn.eu](http://dimanditn.eu)

 [@DiManDITN](https://twitter.com/DiManDITN)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 814078

# Summary

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Kick-Off Meeting and Recruitment Event

Welcome Event

Virtual Welcome Event

First Results

Upcoming Events



# Editorial

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Welcome to the first issue of the DiManD newsletter. It has been a year now since the start of our programme back in June 2019. We have dedicated this year to consolidation of the Project Structure and the outlining of the Research Plan. We have created the management boards and designed procedures for communication between beneficiaries and partners.

One of the main actions of this year has been the recruitment of the young researchers supported by this Project. Due to the extraordinary situation because of the COVID-19, we have experienced some delays

and recruitment process for some of the researchers is still not complete. However, we are very close to having all of them on-board.

This newsletter intends to summarize these efforts and keep partners, associates and interested readers informed about the different activities carried out in connection with DiManD. We hope that you enjoy this issue and we prompt you to provide us feedback and stay in touch through the webpage, social networks and any other means necessary.

Kick Off Meeting  
2019-07-18

Recruitment Event  
2019-07-19



## Project summary

The Digital Manufacturing and Design (DiManD) Innovative Training Network (ITN) is a European Training Network (ETN) programme that will provide high-quality multidisciplinary, multi-professional and cross-sectorial research and training to high-achieving early stage researchers in the area of Industry 4.0. DiManD comprises a well-balanced consortium that spans six European countries and incorporates academic and industry sectors to promote international, interdisciplinary and inter-sectoral aspects

of ESR skill development.

DiManD aims to develop a high-quality multidisciplinary, multi-professional and cross-sectorial research and training framework for Europe with the purpose of improving Europe's industrial competitiveness by designing and implementing an integrated programme in the area of intelligent informatics driven manufacturing that will form the benchmark for training future Industry 4.0 practitioners.

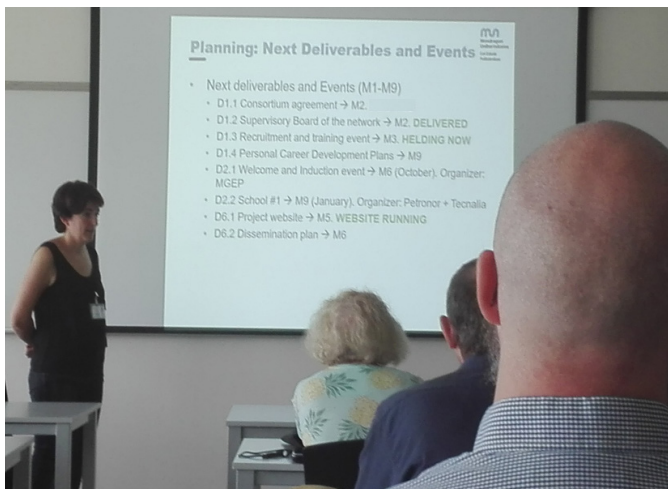




# Kick-off meeting and recruitment event

The kick-off and Recruitment Event of the DiManD Project was held the 18th and 19th of July in San Sebastian (Spain) at Mondragon University Campus of Orona IdeO-innovation city. The event had the following parts:

## Kick-off meeting for beneficiaries and partner organizations



The kick-off meeting was used to meet the beneficiaries and partner organizations that attend the event.

## Training for selection panel members



**“Best practice in recruitment for diversity”**

## Public event of presentation of DiManD project and training event



## Recruitment process

Time	WP3		WP4		WP5
	Room1 (F102)	Room2 (F106)	Room3 (F109)	Room4 (F205)	Room5 (F206)
	Skype Room 1	Skype Room 2	Skype Room 3	Skype Room 4	Skype Room 5
8:30	ESR4	ESR6	On-Site	ESR12	ESR14
8:50			ESR8		
9:10		On-Site			On-Site
9:30		On-Site			
9:50				ESR11	
10:10					ESR13
10:30	On-Site	ESR3	ESR5	On-Site	
10:50				On-Site	
11:10	ESR2			On-Site	
11:30		ESR7		On-Site	
11:50				ESR10	
12:10	ESR1	On-Site			
12:30			On-Site	On-Site	
12:50		On-Site	On-Site		
13:10			ESR9		
13:30	On-Site			On-Site	

## Supervisory Board meeting





## Welcome and virtual welcome event

DiManD Welcome and Induction Event was held 10-11 February 2020 in Mondragon (Spain) at Mondragon University's building for Electronics and Computing, and Engineering Studies. The main activities of the event were:

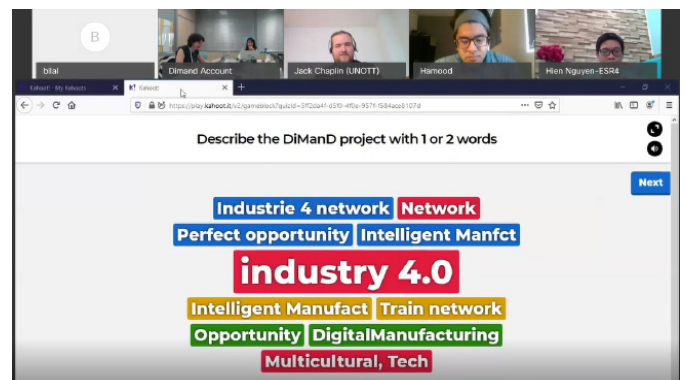
### Welcome and Induction Event for Early Stage Researchers (ESRs) recruited in the DiManD project



### Face to face meeting for the beneficiaries of DiManD project

Due to some delays in the recruitment of the ESRs, several researchers could not attend the face-to-face Welcome and Induction Event held in February in Mondragon. For this reason, the sessions were recorded and are available to view by the researchers who have started in the project since February 2020. And a virtual Welcome event was also held in M14 (June 2020) aimed at the researchers who were recruited late, but included all ESRs.

- 🇨🇳 China
- 🇹🇲 Turkmenistan
- 🇪🇸 Spain
- 🇮🇳 India
- 🇮🇹 Italy
- 🇪🇨 Ecuador
- 🇵🇰 Pakistan
- 🇮🇷 Iran
- 🇻🇳 Vietnam



## First results

The ESRs who started in the DiManD project before June 2020 have completed their Personal Career Development Plans (PCDP). These are:

ESR 4: Human-Centered Design for Industry 4.0. Advanced Service Innovation (MGEP)

ESR 5: Simulation-based Runtime Testing and Adaptation of Cyber Physical Systems using digital twins (MGEP)

ESR 6: Cyber-Physical Systems and End of life management in home automation (STIIMA)

ESR 7: Precision manipulation and assembly of electro-optical components (STIIMA)

ESR9: Investigation of Transition Technologies to support Assembly Station Reconfiguration in the automotive industry (KTH)

ESR 10: Self-Learning Cyber Physical Production Systems (UNINOVA)

ESR 12: Flexible Robotics (TECNALIA)

ESR 14: Development of Data Models and Adaptation Strategies for Intelligent Products (TQC)

**Paper accepted for a workshop-Safecomp DepDevOps**

 <http://bit.ly/DepDevOps>

**Short video for Industry 4.0: Citizen Engagement Event**

 <https://industry4e.eu/>

Researchers have already started to work in the technical work packages:

WP3: Integration of computation, networking, and physical processes into cyber-physical systems

WP4: Autonomous, context aware manufacturing platforms

WP5: Informatics, big data, and agent based control and configuration.

## Upcoming events

Due to the COVID19, next events' dates have been updated. In September or October will be held the School #1 of the project. Petronor and Tecnalia are the organizers of the event and the consortium has decided to do it virtually because of the travel restrictions due to the COVID.

### Upcoming School #1:

**The main topic of the event will be “Preliminary design review of joint project as part of workshop with industry. And a dataton\* will be organize as well”**

\*A dataton is a special training session where you will collaborate intensively with other students on small data projects.





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