14 Early-Stage Researcher (ESR) 3-year PhD positions in Industrie 4.0 (MSCA-ITN)

The Digital Manufacturing and Design (DiManD) Innovative Training Network (ITN) is a European Training Network (ETN) programme funded by the European Union through the Marie Sktodowska-Curie Innovative Training Networks (H2020-MSCA-ITN-2018) that is offering PhD job positions in the area of **Industrie 4.0**.

Applications are now invited for 14 Early Stage Researcher (ESR) positions on the DiManD ITN employed by beneficiaries of the consortium.

Successful candidates will undertake 3-year PhD programmes in the area of Industrie 4.0, co-hosted by academic and industry members of the consortium, with positions preferably starting in October 2019.

The closing date for applications is 23:00 (CET) on 29th June 2019.

Further details about the research programme, applicant eligibility criteria, ESR projects and application procedure available on the DiManD ITN website at https://DimandITN.eu/.

Successful researchers will enrol in one of the 14 ESR positions available across the host organisations of the DiManD ITN:

- Mondragon Goi Eskola Politeknikoa (MGEP), Spain
- Consiglio Nazionale delle Ricerche (CNR) (STIIMA), Italy,
- Johnson & Johnson Vision Care (Ireland) (JJVC), Ireland. *This beneficiary will be probably replaced by another company.*
- Kungliga Tekniska Hoegskolan (KTH), Sweden
- Fundación Tecnalia Research & Innovation (TECNALIA), Spain
- TQC Ltd (TQC), United Kingdom
- University of Nottingham (UNOTT), United Kingdom
- **UNINOVA – Instituto de Desenvolvimento de Novas Tecnologias (UNINOVA), Portugal**

The list of ESRs:

- ESR 1 – A concept for open evolvable assembly systems, UNOTT, UK

- ESR 2 – Self-learning for Optimum Manufacturing Equipment (Individual & Collective Response), UNOTT, UK
- ESR 3 – Cyber-Physical Systems and User Interaction Experience into Industrie 4.0, MGEP, Spain
- ESR 4 – Human Centred Design for Industrie 4.0. Advance service innovation, MGEP, Spain
- ESR 5 – Simulation-based Runtime Testing and Adaptation of Cyber Physical Systems using digital twins, MGEP, Spain
- ESR 6 – Cyber-Physical Systems and End of life management in home automation, STIIMA, Italy
- ESR 7 – Precision manipulation and assembly of electro-optical components, STIIMA, Italy
- ESR 8 – Design and development of cost-effective solutions for High throughput, mixed model electronic assembly and packaging, KTH, Sweden
- ESR 9 – Investigation of Transition Technologies to support Assembly Station Reconfiguration in the automotive industry, KTH, Sweden
- **ESR 10 – Self-learning Cyber-Physical Production Systems, UNINOVA, Portugal**
- **ESR 11 – Developing Energy Saving Techniques and Tools in Production Systems, UNINOVA, Portugal**
- ESR 12 – Flexible Robotics, TECNALIA, Spain
- ESR 13 – Vision Systems. Attention: this ESR will probably suffer changes due to a change of the beneficiary company. JJVC, Ireland
- ESR 14 – Development of data models and adaptation strategies for intelligent products, TQC, UK