

# **DIEGO D'URSO**

**Curriculum Vitae (updated on 15 June 2026)**

## **PERSONAL INFORMATION**

Date of Birth: 25 April 1972, Catania, Italy

Marital Status: Married

Nationality: Italian

## **ACADEMIC QUALIFICATIONS**

### **1 February 2023**

Achieved the Italian National Scientific Qualification as *Full Professor* (First Level) in the scientific sector 09/B2 – *Industrial Systems Engineering (ING-IND/17)*, valid for the period 2023–2033.

### **5 April 2017**

Achieved the Italian National Scientific Qualification as *Associate Professor* (Second Level) in the scientific sector 09/B2 – *Industrial Systems Engineering (ING-IND/17)*, valid for the period 2017–2023.

### **5 March 2003**

Ph.D. in Structural Mechanics, University of Catania.

**Doctoral Thesis:** *Seismic Behaviour of Large Oil Storage Tanks: Fluid-Dynamic Modelling and Experimental Tests.*

Supervisor: Prof. L. Compagno – Coordinator: Prof. A. Risitano (D.I.I.M., University of Catania)

The research was conducted in collaboration with *Agip Petroli S.p.A.*

### **23 July 1997**

M.Sc. in Mechanical Engineering (Construction track), University of Catania.

Final grade: 108/110.

**Thesis:** *Freezing of Natural Juices: Simulation of the Phenomenon and Plant Implications.*

Supervisors: Eng. L. Compagno (Institute of Machines, University of Catania) and Dr. S. Marchese (Ruby S.r.l.).

### **July 1990**

Classical High School Diploma (*Liceo Classico “Nicola Spedalieri”*, Catania). Final grade: 56/60.

## **ACADEMIC POSITIONS**

### **Since 1 January 2022**

Associate Professor at the Department of Electrical, Electronic and Computer Engineering (DIEEI), University of Catania. Scientific Sector: *ING-IND/17 – Industrial Systems Engineering.*

### **2005–2011**

Postdoctoral Research Fellow (*ING-IND/17 – Industrial Systems Engineering*), University of Catania. Research topics included:

- Production planning and monitoring systems;
- Recovery and recycling of electrical and electronic equipment;
- Design and optimization of industrial plants.

## RESEARCH ACTIVITY

### Major research areas and activities

- Industrial plant design
- Behavioral operations management
- Reliability modelling and maintenance
- Logistics and warehouse design
- Supply chain management
- Inventory management
- Decision making
- Process analysis and re-engineering

### Experiences as project supervisor or principal investigator

- 2020-2023 Department supervisor, University of Catania research fund; Project title: “Gospel - Complex production and distribution systems management and optimization”
- 2018-2023 Supervisor of the research agreement between Sifi spa and University of Catania; description: Process re-engineering and Industry 4.0 enabling technologies assessment and application (the research fund enabled three years fixed term researcher position)
- 2015-2016 Supervisor of the research agreement between Sifi spa and University of Catania; description: automated process re-engineering (Project title: “Progetto Prore”)
- 2014-2018 P.I. of University of Catania research fund; project title: “Two stages assessment of portable batteries end of life management” (external peer review process)

### Reviewing activities

- Journal of Purchasing and Supply Management (Elsevier - ISSN: 1478-4092)
- Supply chain management an international journal (Emerald ISSN: 1359-8546)
- International Journal of production research (Taylor & Francis ISSN: 0020-7543)
- European journal of operational research (Elsevier ISSN: 0377-2217)
- Expert systems with application (Elsevier ISSN: 0957-4174)
- Reliability engineering systems safety (Elsevier ISSN: 0951-8320)

### Research Collaborations with Industry:

- ISAB Impianti Nord (former Agip Petroli S.p.A.) – Oil & Gas
- Erg Raffinerie Mediterranee S.p.A. – Oil & Gas
- ISAB Energy S.p.A. – Power generation
- Ci.Pi. S.p.A. – Corporate gifts
- La Spiga S.p.A. (Poiatti) – Food industry
- Ruby Prodotti Agricoli S.r.l. – Agrifood
- Wyeth-Lederle – Pharmaceutical
- RaeCycle S.C.A. – Reverse logistics (WEEE)
- I.R.M.A. S.r.l. – Medical and Environmental Research Institute
- Blue Consulting S.r.l. – Industrial Safety
- SIBEG S.r.l. – Beverage industry
- DIM S.r.l. – Logistics
- SIFI S.p.A. – Pharmaceutical

### Research Contracts and Projects:

- 2023–2018: Scientific coordinator for research contracts between *SIFI S.p.A.* and the University of Catania for supporting research and education in industrial systems engineering.
- 2015: Scientific coordinator for the research agreement between *SIFI S.p.A.* and the University of Catania on process reengineering (Project PRORE).
- Participation in research projects involving companies such as *Blue Consulting S.r.l.*, *DIM S.r.l.*, *RaeCycle S.C.A.*, *Ecocontrol Sud S.r.l.*, and *Ci.Pi. S.p.A.*.

## **Participation in National and International Conferences:**

Presented papers and communications at the following conferences (2011–2024):

- MIM 2022 – *Manufacturing Modelling, Management and Control*, Nantes, France.
- ISM 2020 – *Industry 4.0 and Smart Manufacturing*, Online Conference.
- APMS 2019 – Austin, Texas, USA.
- IFAC INCOM 2015 – Ottawa, Canada.
- ESREL 2016, 2015 – European Safety and Reliability Conferences, Glasgow and Zurich.
- ISAHP 2014 – Washington D.C., USA.
- EMSS 2013 – Athens, Greece.
- APMS 2011–2012 – Stavanger, Norway; Rhodes, Greece.
- Francesco Turco Summer Schools (2016–2020 editions).

## **Reviewer for International Journals:**

- *Journal of Purchasing and Supply Management* (Elsevier)
- *Supply Chain Management: An International Journal* (Emerald)
- *International Journal of Production Research* (Taylor & Francis)
- *European Journal of Operational Research* (Elsevier)

## **TEACHING EXPERIENCE**

### **2010–Present**

Lecturer in *Logistics* (9 CFU), M.Sc. in Management Engineering, University of Catania.

### **2015–2016**

Co-lecturer in *Industrial Plant Design and Management* (30 contact hours), B.Sc. in Industrial Engineering, University of Catania.

### **2006–2010**

Adjunct Lecturer in *Logistics*, M.Sc. in Management Engineering, University of Catania.

## **Other Teaching Activities:**

- Lecturer in the *Master's Programme in Transport Systems Management* (2012) – *Urban Logistics* module.
- Lecturer in the *TFA 2013* (Teacher Training Programme) for the course *Industrial Plants* (Class A072).
- Lecturer in the *STEMSTELO Project* (2013–2014) – *Exceptional Transport and Project Logistics* module (20 hours).
- Lecturer in the *Energy Management Specialist Course* (2013) – *Quality Systems* module.
- Lecturer in the *IFTS Course in Transport and Intermodality* (2010) – *Integrated Logistics and Distribution Systems* module.

## **Academic Committees:**

- Member of the faculty board of the PhD program in Systems, Energy, Computer, and Telecommunications Engineering at the University of Catania since 2022.
- Member of the *Degree Committee* in Management Engineering since 2009.
- Member of the *Examination Boards* for:
  - Industrial Plant Design and Management (Mechanical Engineering B.Sc.)
  - Industrial Plant Management (Industrial Engineering B.Sc.)
  - Logistics (Management Engineering M.Sc.)

## **PROFESSIONAL EXPERIENCE**

### **Since 2001**

Founder of *BdT Ingegneria*, an engineering consulting firm specializing in industrial plant design and process analysis.

### **2015**

Process analysis consultant for *CL S.r.l.*, Città Giardino (Siracusa).

### **2009–2010**

Responsible for preparing the *Safety Report* (D.Lgs. 334/99) for a hydrogen production plant under a consultancy agreement between the University of Catania and *Blue Consulting S.r.l.* (client: *ISAB Energy S.r.l.*).

### **2003–2012**

Technical expert for the Courts of Catania, Belpasso, Bronte, and Nicosia in road accident reconstruction and real estate appraisal.

### **1997–2005**

Engineer and technical consultant for *Ci.Pi. S.p.A.*, Milan (Catania plant). Activities included:

- Process reengineering and production planning;
- Implementation of ISO 9001:2000 and ISO 14001 quality systems;
- Management of logistics and maintenance systems.

## **PROFESSIONAL REGISTRATIONS**

- Registered in the *Order of Engineers of the Province of Catania* (since 1998, No. 3265).
- Registered as *Technical Consultant* for the Court of Catania (since 2000, No. 981).

## **COMPUTER SKILLS**

- Microsoft Office (advanced level)
- AutoCAD (Release 13 and later)
- Mathcad (advanced mathematical computation)
- Micrografx (industrial process simulation software)
- Prosap® (professional structural analysis program)

## **LANGUAGES**

English: Good (spoken and written)

### **The undersigned**

Diego D'Urso

Catania, 15/06/2026

