

Organization name:

University "G. D'Annunzio" of Chieti-Pescara

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Description/Mission:

The 'Gabriele d'Annunzio' University, established in 1965 as a 'Libera Università' (non state-owned university), became state-owned in 1982.

UDA comprises 13 Departments and 2 Schools. There are also libraries, research centres and several clubs. UDA offers bachelor, master and PhD courses. In addition, UDA offers a postgraduate courses including: Master's Programmes, levels I and II, Specialisation colleges and Specialist training courses.

UDA is a coordinator and partner in many national European and international research projects.

UDA has two university campuses: Chieti, registered office of the university with the offices of the Rector and General Directorate, and Pescara, where are the Department of Architecture (DdA) and the Department of Engineering and Geology (InGeo), in which several research and teaching programmes are developed, that are focused on several disciplines related to the mission of EIDD-DfA Europe and in particular to industrial design architecture and engineering.

Both Campuses are in the lead as regards facilities, equipment and educational courses. Within an urban and metropolitan setting characterised by a high degree of hospitality and comfort, the Campuses offer several chances to enjoy leisure time by organising recreational, sports and cultural activities.

Now about 36.000 students are enrolled at UDA.

Scientific research is one of the most important activity that UDA pursues.

In particular, the main research topics which strictly liaises with EIDD-DfA Europe, are:

- Tourism, Environment and nautical design
- Design for Sustainability
- Ergonomic design for sustainability
- Design for Inclusion / Design for All
- Innovative materials for design
- Project for sustainable tourist facilities in sensitive environments
- Sustainable project for human settlements

These topics are mainly addressed in the "DePT Section" of the Department of Architecture at the Pescara Campus.

Peoples

88 are the faculty members of the DdA and InGeo Departments (respectively 46 and 42).

In particular, 5 of them belong to the Industrial Design Research Group, that is the research group belonging to the Departments of Pescara Campus most involved in Design for All researches.

Moreover, we have also 4 more research fellows, such as Ph.D students and lecturers, involved in teaching and research activities on DfA and on the wider field of Ergonomics and design for sustainability.

Areas of interest

The Industrial Design scientific sector is interested in theories, methods, techniques and tools related to design of artifacts, virtual and physical, with reference to their morphological characters

and their relationships with both factors relating to the use, enjoyment and individual or social consumption, as with those specifications on their production.

In particular, in recent years, the Industrial Design Research Group mostly studied the socio-economic, productive and environmental context of central adriatic area in which it operates, conducting researches, especially exploring the theme of "Design for the exploitation of environmental resources", with particular attention to the relationship between environmental resources, tourism and design.

In parallel, through its members, in addition to the interest on Design for All, the Industrial Design Research Group expresses a variety of scientific interests in some specific areas of design research, including:

- Yacht design, with emphasis on the relationship between innovation and tradition, materials and high performance technologies, and on the interior yacht design and new forms of habitability;
- Solar design, focused on research and development of new design concepts with low environmental impact, using renewable resources as a specific criterion of sustainability;
- Ergonomics for Sustainability, comparing with the upgrading of existing theoretical and procedural tools of traditional ergonomics, towards new solutions for sustainable well-being.
- New Materials, for a methodological-application contribution, useful to identify the most suitable materials to interpret the performances of products.

Organizations partners of the Industrial Design Research Group

The Industrial Design Research Group acts in a scenario of activities both nationally and internationally. Multiple are the stakeholders such as institutions, companies, universities and research networks. Some collaborations with external structures are also activated, useful for the implementation of design and research activities, the diffusion of their results, the development of publishing projects, the organization of conferences, study days and workshops on a national and international levels. Among the research networks and associations that the Industrial Design Research Group belongs to, are:

- SID_Italian Design Society
- LeNS_Learning Network on Sustainability
- IEA_International Ergonomics Association
- SIE_Società Italiana di Ergonomia
- Design for All Italia

Last EU Grants received from University of Chieti-Pescara:

EU PROGRAMME	YEAR	Project Identification or Contract Number	APPLICANT
ERASMUS+ 2015-KA203	2015	2015-1-SK01-KA203-008959 UNIALL - Accessibility of Higher Education for Students with Special Needs	Slovenska Technicka Univerzita V Bratislave
COST PROGRAMME - II CALL 2016	2017	CA16207 - EUROPEAN NETWORK FOR PROBLEMATIC USE OF THE INTERNET	Cost Association
H2020-MSCA-ITN-2017	2017	765198 EJD - CIRCULAR ECONOMY: SUSTAINABILITY IMPLICATIONS AND GUIDING PROGRESS	University of Hull - UK
ERASMUS+ 2018-KA203	2018	2018-1-PL01-KA203-051055 - Education programme for students of medical and health sciences faculties in the field of conservative treatment of pelvic floor muscles dysfunction"	Opole Medical School - Poland
ERASMUS+ Bando EAC/A05/2017	2018	600597-EPP-1-2018-1-IT-EPPJMO-PROJECT - LET'S TEACH THE EU	Università D'Annunzio - Italy
ERASMUS+ Bando EAC/A05/2018	2018	2018-1-IT02-KA203-048448 - European technology in the digitalization of the endangered cultural heritage	Università D'Annunzio - Italy
ERASMUS+	2018	603346-EPP-1-2018-1-LV-SPO-SCP - More	University of Latvia

EAC/A05/2017		than gold	
H2020-ERC-2018-SyG	2018	810377 - CONNECTING THE NETWORKS OF THE HUMAN BRAIN	AALTO University - Finland
H2020-FETOPEN-1-2016-2017	2018	766629 -Oxide Nanoelectromechanical Systems for Ultrasensitive and Robust Sensing of Biomagnetic Fields -	CNR - Italy
H2020-JTI-IMI2-2017-13-two stage	2018	820880 - Parkinson Disease with Mild cognitive Impairment treated with Nicotinic agonist Drug	Kings College London - UK
H2020-JUST-2017-AG-DRUG	2018	806996 - Analysis, knowledge, dissemination, justice implementation and special testing of nove synthetic opioids	University of Cagliari - Italy
H2020-MSCA-IF-GF-2017	2018	795396 -SEISMOGENIC COMPRESSION IN SOUTHERN ITALY - REMOTE SENSING (LIDAR) AND MORPHOTECTONIC ANALYSIS TO TEST THE ACTIVE NATURE OF THE SOUTHERN APPENNINE OUTER THRUST FRONT	Università D'Annunzio - Italy
H2020-MSCA-ITN-2018	2018	813483 ETN -Integrating Functional Assessment measures for Neonatal Safeguard	TUIL University Ilmenau - Germany
H2020-MSCA-ITN-2018	2018	813263 -Novel Biomaterial-based Device for the Treatment of Progressive MS- - An Integrated Pan- European Approach	National University of Ireland
H2020-MSCA-RISE-2018	2018	823934 -In-situ instrument for Mars and Earth dating applications	ALMA Sistemi srl - Italy

Some National Research projects developed on Industrial Design and Design for Inclusion

Research of National Interest:

DRM - Design Research Maps. Prospectives of italian's university research in Design
Period: 2007-2009

National Coordinator: Stefano Maffei

Research Units: Politecnico of Milan, University of Sassari, Politecnico of Turin, University of Brescia, University of Chieti-Pescara, University of Rome "La Sapienza", University of Genoa, University of Florence, University of Bolzano, 2° University of Naples, University of Naples "Federico II", University of Palermo, University of Camerino, University of Venice "IUAV"

Main target: explore the extent, the nature, the themes and the disciplinary guidelines of design research in Italian universities. The research was awarded in 2011 with the ADI Award - Compasso d'Oro.

Local Coordinator: Giuseppe Di Bucchianico

Contract

Global Producing: Products and furnitures for domestic environment and office
Period: 2007

Main target: design of ten new design concepts of furnishing complements made of aluminum for the domestic environment and office, starting from the identification of new scenarios and new ways to use "mature" product.

Local Coordinator: Antonio Marano

MIUR-PRIN (Italian Ministry of University and Research programmes of national interest):

Me.design. Strategies, tools and operations of Industrial Design to enhance and strengthen the resources of the Mediterranean between local and global

Period: 2002-2003

National Coordinator: Giuliano Simonelli

Research Units: University of Naples "Federico II", University of Chieti-Pescara, University of Genoa, University of Reggio Calabria, 2° University of Naples, Politecnico of Milan

Main target: The main objective of this research was to identify and investigate the strategic action of design for the enhancement of the territory, in this case mostly of the Italian territory and of those contexts that have an ideal relationship with the Mediterranean area from of historical, cultural, system resources and productive land.

Title of Local Research: Me.design: design strategies to enhance touristic and environmental resources of the Mediterranean protected areas

Local Coordinator: Andrea Vallicelli

MIUR-PRIN (Italian Ministry of University and Research programmes of national interest):

The design for industrial districts. Systems expertise and new connection networks for the competitiveness of Italian local production systems

Period: 2001-2002

National Coordinator: Alberto Sessaro

Research Units: University of Chieti-Pescara, Politecnico of Milan, University of Firenze, University of Rome "La Sapienza", Politecnico of Turin

Main target: The study investigated the most interesting cases of product-system innovation in small and medium enterprises of the Italian industrial districts: it was defined a framework of best innovative practices related to the discipline of industrial design, which were then analyzed through a process of action research.

Title of Local Research: The Industrial Design to the production systems of the central Adriatic area

Local Coordinator: Andrea Vallicelli

Degree theses/Ph.D/ Grant researches on DfA:

- Ph.D Thesis
 - Year: 2015
 - Graduand: Jessica Lagatta
 - Title: **Inclusive design for Sailing Yachts**
 - Supervisor(s): Andrea Vallicelli, Giuseppe Di Bucchianico
- keywords: brand design, place branding, DfA,

- Ph.D Thesis
 - Year: 2014
 - Graduand: Stefano Picciani
 - Title: **Inclusive Place Branding**
 - Supervisor(s): Giuseppe Di Bucchianico
- keywords: brand design, place branding, DfA

- Ph.D Thesis
 - Year: 2013
 - Graduand: Emilio Rossi
 - Title: **Designing Inclusive Natural User Interfaces for Sharing Know-how**
 - Supervisor(s): Giuseppe Di Bucchianico, Farnaz Nickpour
- keywords: user interfaces, sharing know-how, Inclusive design

- Degree Thesis
 - Year: 2011
 - Graduand: Stefano Picciani

Title: **The hospital signage for All. Enabling communicative system of artifacts for the interiors of the Hospital Clinic of Chieti.**

Supervisor(s): Giuseppe Di Bucchianico, Stefania Camplone

keywords: wayfinding, wayshowing, signage, hospital, DfA, interiors

- Degree Thesis

Year: 2011

Graduand: Valeria Vallese

Title: **Orientation in the Campus. Design of a wayshowing for all system for the "Citadel of Science" at the Campus of the University of Chieti.**

Supervisor(s): Giuseppe Di Bucchianico, Stefania Camplone

keywords: wayfinding, wayshowing, signage, university, DfA, open air

- Degree Thesis

Year: 2010

Graduand: Marco Gregori

Title: **The home kitchen for All. Enabling solution to facilitate the movement of equipments and foods.**

Supervisor(s): Giuseppe Di Bucchianico, Antonio Marano

keywords: kitchen design, DfA, handling, user inclusion, limit target

- Degree Thesis

Year: 2010

Graduand: Emilio Rossi

Title: **10 meters daysailer for All. Sustainable technological solutions for easier navigation.**

Supervisor(s): Giuseppe Di Bucchianico, Massimo Di Nicolantonio

keywords: yacht design, DfA, accessibility, user inclusion, limit target

- Grant Research

Year: 2009

Researcher: Stefano Picciani

Title: **Tourism for All. Analysis of the contribution of the DfA approach in the design of products and services for tourism.**

Tutor: Giuseppe Di Bucchianico

keywords: tourism, DfA, accessibility, user inclusion, tourist service

Some of last publications on the issues of Design for Inclusion (last three years):

(2018): Giuseppe Di Bucchianico, Pete Kercher, Preface. In: Giuseppe Di Bucchianico Pete F. Kercher. *Advances in Design for Inclusion*. Cham: Springer

(2018): Ivo Spitilli, Stefania Camplone, Giuseppe Di Bucchianico, Antonio Marano, *Cyclotourism and Social Inclusion: From Service to Product for a Smart Extra-Urban Bike Sharing*. In: *Intelligent Human Systems Integration. ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING Series*, vol. 722. Cham: Springer, pp. 686-692

(2018): Giuseppe Di Bucchianico, *Design for All. The increasing Dissemination of Teaching Experiences*. In: *Advances in Design for Inclusion. ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING Series*, vol. 587. Springer, pp. 13-21

(2018): Stefania Camplone, Giuseppe Di Bucchianico, *Smart Shopping Experience. New Materials and Technologies for Social Inclusion Through Daily Activities*. In: *Intelligent Human Systems Integration*.

ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING Series, vol. 722. Cham: Springer, pp. 667-672

(2018): Giuseppe Di Bucchianico, Food for All. Ceramic concepts for inclusive preparation and consumption of food and drink (second edition). Design Hub Series, vol. 03, Pescara: Sala Editori, pp.1-104

(2017): Massimo Di Nicolantonio, Giuseppe Di Bucchianico, Stefania Camplone, Andrea Vallicelli, Visual Pleasantness in Interior Yacht design: A Case Study of the Pleasure-Based Approach Application. In: Giuseppe Di Bucchianico, Andrea Vallicelli, Neville A. Stanton, Steven J. Landry, HUMAN FACTORS IN TRANSPORTATION. Social and Technological Evolution across Maritime, Road, Rail, and Aviation Domains. Boca Raton:Taylor & Francis, CRC press, pp. 25-35

(2017): Giuseppe Di Bucchianico, Andrea Vallicelli, Neville A. Stanton, Steven J. Landry, Preface. In: Giuseppe Di Bucchianico, Andrea Vallicelli, Neville A. Stanton, Steven J. Landry, HUMAN FACTORS IN TRANSPORTATION. Social and Technological Evolution across Maritime, Road, Rail, and Aviation Domains. Boca Raton:Taylor & Francis, CRC press, pp. 9-11

(2017): Giuseppe Di Bucchianico, Human Diversity in the Maritime Design Domain: Social and Economic Opportunities of the Innovative Approaches of Design for Inclusion. In: Giuseppe Di Bucchianico, Andrea Vallicelli, Neville A. Stanton, Steven J. Landry, HUMAN FACTORS IN TRANSPORTATION. Social and Technological Evolution across Maritime, Road, Rail, and Aviation Domains. Boca Raton: Taylor & Francis, CRC press, pp. 91-99

(2017): Giuseppe Di Bucchianico, Andrea Vallicelli, Neville A. Stanton, Steven J. Landry, Preface. In: Giuseppe Di Bucchianico, Andrea Vallicelli, Neville A. Stanton, Steven J. Landry, ADVANCES IN HUMAN ASPECTS OF TRANSPORTATION. Proceedings of the AHFE 2016 International Conference on Human Factors in Transportation. Cham: Springer, pp. 7-9

(2017): Giuseppe Di Bucchianico, Design for Inclusion. From Teaching Experiences to Social Changes. In: HCI International 2017 (Vancouver, Canada) – Posters' Extended Abstracts. Part 1. COMMUNICATIONS IN COMPUTER AND INFORMATION SCIENCE Series, vol. 713. Springer International Publishing, pp. 44-49

(2016): Giuseppe Di Bucchianico, La progettazione ergonomica/Ergonomics. In: Maria Cristina Forlani, Andrea Vallicelli, Design e innovazione tecnologica. Modelli d'innovazione per l'impresa e l'ambiente. Collana Studi e ricerche di architettura. Roma: Gangemi Editore, pp. 32-39

(2016): Giuseppe Di Bucchianico, Il Design for All/Design for All. In: Maria Cristina Forlani, Andrea Vallicelli, Design e innovazione tecnologica. Modelli d'innovazione per l'impresa e l'ambiente. Collana Studi e ricerche di architettura. Roma: Gangemi Editore, pp. 124-131

(2016): Giuseppe Di Bucchianico, Il Design for All per valorizzare i centri minori. In: Emilia Corradi, Raffaella Massacesi, Infrastrutture minori nei territori dell'abbandono. Le reti ferroviarie. Ariccia: Aracne Editrice Internazionale, pp. 169-175

(2016): Massimo Di Nicolantonio, Elianora Baldassarri, Giuseppe Di Bucchianico, Alessio D'Onofrio, Cynthia Ghelli, Antonio Marano, Il design del decor urbano, opportunità tecnologiche e progettazione inclusiva per la scena urbana di Pescara. In: AA.VV.. VersoPescara2027, dossier di ricerca. Collana Studi e ricerche di architettura. Roma: Gangemi Editore, pp. 164-179

(2016): Stefania Camplone, Giuseppe Di Bucchianico, Jessica Lagatta, Stefano Picciani, Inclusive Place Branding. L'approccio inclusivo del brand design applicato ai luoghi per valorizzare e promuovere Pescara e il suo territorio. In: AA. VV.. Verso Pescara 2017. Dossier di ricerca. Collana Studi e ricerche di architettura. Roma: Gangemi Editore, pp. 123-135

(2016): Giuseppe Di Bucchianico, Pete Kercher, Preface. In: Giuseppe Di Bucchianico, Pete Kercher, *Advances in Design for Inclusion*. Cham: Springer International Publishing, pp. VII-IX

(2016): Giuseppe Di Bucchianico, Stefania Camplone, "Tutti a Tavola!" Project. A Didactic Experience on Design for All Applied to Ceramic Objects for Food and Beverage. In: *Advances in Design for Inclusion. ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING Series*, vol. 500, Cham: Springer International Publishing, pp. 3-12

(2015) Camplone, Stefania, Giuseppe Di Bucchianico, Shopping experience for all. Social inclusion through the multisensorial design of daily activities. In *Procedia Manufacturing*, Elsevier, Vol. 3, anno 2015: 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015 Proceedings, pp. 5373-5380.

(2015): Di Bucchianico, Giuseppe, Design for human diversity in the maritime design domain. In *TIES_Theoretical Issues in Ergonomics Science*, Vol 16, No. 4, April 2015, London: Taylor & Francis, pp. 388-398.

(2015): Di Nicolantonio, Massimo, Giuseppe Di Bucchianico, Stefania Camplone e Andrea Vallicelli, The visual pleasantness in yacht design: natural lighting, views and interior colours. In *TIES_Theoretical Issues in Ergonomics Science*, Vol 16, No. 4, April 2015, London: Taylor & Francis, pp. 399-411.