



Anno 2013

Politecnico di MILANO >> Sua-Rd di Struttura: "Meccanica"

B.1.b Gruppi di Ricerca

1. Scheda inserita da questa Struttura ("Meccanica"):

Nome gruppo*	Dynamics and Vibration
Descrizione	One of the foremost research areas of the line Dynamics and Vibrations deals with the theoretical and experimental study of motion and dynamics of mechanical systems as well as their interaction with control systems. In particular, specific research subjects concern vibration mechanics, also considering the set of problems connected with acoustic emission and noise control, mechanics of land vehicles (road and rail), fluid-structure interaction, machine drive and control, dynamics and diagnostics of rotating machines and robot mechanics. Departmental laboratories include a test-bed for full-scale pantograph-catenary contact, a hardware in the loop test-bed to study rail pantographs, a test span for overhead electrical lines, a test-bed for the dynamic analysis of rotating shafts and a test rig to study hydrodynamic lubricated bearings. Additional activities include experimental research at the Politecnico di Milano wind tunnel. Research Structure: 1) Mechatronics and Smart Structures [MSS] 2) Rail Vehicle Dynamics [RWD] 3) Road Vehicle Dynamics [RVD] 4) Rotordynamics [RTD] 5) Wind Engineering [WND]
Sito web	http://mecsys.mecc.polimi.it/indexeng.html
Responsabile scientifico/Coordinatore	CHELI Federico (Meccanica)

Settore ERC del gruppo:

PE1_19 - Control theory and optimization

PE3_14 - Fluid dynamics (physics)

PE6_12 - Scientific computing, simulation and modelling tools

PE7_1 - Control engineering

PE7_10 - Robotics

PE7_9 - Man-machine-interfaces

PE8_5 - Fluid mechanics, hydraulic-, turbo-, and piston engines

PE8_6 - Energy systems (production, distribution, application)

PE8_8 - Mechanical and manufacturing engineering (shaping, mounting, joining, separation)

SH3_1 - Environment, resources and sustainability

SH3_8 - Mobility, tourism, transportation and logistics

Componenti:

Cognome	Nome	Struttura	Qualifica	Settore
BUCCA	Giuseppe	Meccanica	Ricercatore	ING-IND/13
BELLONI	Edoardo	Meccanica	Dottorando	ING-IND/13
BELLOLI	Marco	Meccanica	Ricercatore	ING-IND/13
BIONDA	Stefano	Meccanica	Dottorando	ING-IND/13
BORDOGNA	Giovanni	Meccanica	Dottorando	ING-IND/13
BRAGHIN	Francesco	Meccanica	Prof. Associato	ING-IND/13

BROGLIO	Stefano	Meccanica	Prof. Associato	ING-IND/13
BRUNI	Stefano	Meccanica	Prof. Ordinario	ING-IND/13
BAYATI	Ilmas Andrea	Meccanica	Dottorando	ING-IND/13
CHATTERTON	Steven	Meccanica	Ricercatore	ING-IND/13
COLLINA	Andrea	Meccanica	Prof. Ordinario	ING-IND/13
COMOLLI	Lorenzo	Meccanica	Assegnista	ING-IND/13
CINQUEMANI	Simone	Meccanica	Ricercatore	ING-IND/13
CARMELI	Maria Stefania	Meccanica	Ricercatore	ING-IND/32
CARNEVALE	Marco	Meccanica	Assegnista	ING-IND/13
CORRADI	Roberto	Meccanica	Prof. Associato	ING-IND/13
CASOLO	Federico	Meccanica	Prof. Associato	ING-IND/13
CUSIMANO	Giancarlo	Meccanica	Prof. Ordinario	ING-IND/13
CASTELLI DEZZA	Francesco	Meccanica	Prof. Associato	ING-IND/32
COSTA	Andrea	Meccanica	Assegnista	ING-IND/32
CAZZULANI	Gabriele	Meccanica	Assegnista	ING-IND/13
DI GIALLEONARDO	Egidio	Meccanica	Assegnista	ING-IND/32
DANG	Phuoc Vinh	Meccanica	Dottorando	ING-IND/13
FACCHINETTI	Alan	Meccanica	Ricercatore	ING-IND/13
AFRASIABI	Erfan	Meccanica	Dottorando	ING-IND/13
FOSSATI	Fabio Vittorio	Meccanica	Prof. Ordinario	ING-IND/13
GIBERTI	Hermes	Meccanica	Ricercatore	ING-IND/13
GASPARETTO	Livio	Meccanica	Dottorando	ING-IND/13
ALFI	Stefano Egidio	Meccanica	Ricercatore	ING-IND/13
LIU	Binbin	Meccanica	Dottorando	ING-IND/13
LIU	Xiaoyuan	Meccanica	Dottorando	ING-IND/13
MUGGIASCA	Sara	Meccanica	Ricercatore	ING-IND/13
MOOLAM	Rajesh Kumar	Meccanica	Dottorando	ING-IND/13
MILANI	Damiano	Meccanica	Dottorando	ING-IND/13
MELZI	Stefano	Meccanica	Ricercatore	ING-IND/13
MAPELLI	Ferdinando Luigi	Meccanica	Assegnista	ING-IND/32
MAURI	Marco	Meccanica	Ricercatore	ING-IND/32
MARINELLI	Cristiano	Meccanica	Dottorando	ING-IND/13
MAZZOLA	Laura	Meccanica	Assegnista	ING-IND/13
NEGAHBANI	Navid	Meccanica	Dottorando	ING-IND/13
NEGRINI	Silvia	Meccanica	Assegnista	ING-IND/13
PAGANI	Andrea	Meccanica	Dottorando	ING-IND/13
PENNACCHI	Paolo Emilio Lino Maria	Meccanica	Prof. Ordinario	ING-IND/13
PERELLI	Federico Luigi	Meccanica	Assegnista	ING-IND/13
PREMOLI	Antonio	Meccanica	Dottorando	ING-IND/13
PORTENTOSO	Michele	Meccanica	Dottorando	ING-IND/13
PIZZIGONI	Bruno	Meccanica	Prof. Ordinario	ING-IND/13
ROBUSTELLI	Fabio Cristiano	Meccanica	Dottorando	ING-IND/13
ROCCHI	Daniele	Meccanica	Ricercatore	ING-IND/13
ARGENTINI	Tommaso	Meccanica	Ric. a tempo determ.	ING-IND/13

ROLEK	Pawel	Meccanica	Dottorando	ING-IND/13
RAMIREZ RUIZ	Isabel	Meccanica	Dottorando	ING-IND/13
ARRIGONI	Stefano	Meccanica	Assegnista	ING-IND/13
RESTA	Ferruccio	Meccanica	Prof. Ordinario	ING-IND/13
ROVEDA	Loris	Meccanica	Dottorando	ING-IND/13
SABBIONI	Edoardo	Meccanica	Ricercatore	ING-IND/13
SCHITO	Paolo	Meccanica	Assegnista	ING-IND/13
SOMASCHINI	Claudio	Meccanica	Dottorando	ING-IND/13
TODMAL	Prashant Eknath	Meccanica	Dottorando	ING-IND/13
TOMASINI	Gisella Marita	Meccanica	Ricercatore	ING-IND/13
TARSITANO	Davide	Meccanica	Ric. a tempo determ.	ING-IND/13
VIGNATI	Michele	Meccanica	Dottorando	ING-IND/13
VILLANI	Marco	Meccanica	Dottorando	ING-IND/13
VANIA	Andrea Tommaso E.	Meccanica	Prof. Associato	ING-IND/13
IVONE	Davide	Meccanica	Dottorando	ING-IND/13
YANG	Yang	Meccanica	Dottorando	ING-IND/13
IZADI	Alireza	Meccanica	Dottorando	ING-IND/13
ZANONI	Andrea	Meccanica	Dottorando	ING-IND/13
ZASSO	Alberto	Meccanica	Prof. Ordinario	ING-IND/13

2. Scheda inserita da questa Struttura ("Meccanica"):

Nome gruppo*	Machine and Vehicle Design
Descrizione	The teaching activities of the academic staff of the Research Line Machine and Vehicle Design falls under the competence of Mechanical Design and Machine Construction. Within this context, group responsibilities include advanced design methodologies and the inspection of machine elements, structural components and mechanical systems. Research activities developed by the members of the group through partnerships with national and international companies, are bound to: • computational and experimental approaches aimed at determining the stress/strain state of components; • advanced methodologies for structural integrity based on the modelling of mechanical behaviour under operating conditions (fatigue, wear, creep); • experimentation and optimization of vehicles; • design with innovative materials and green design. Teaching activities come up beside research through the participation of students in experimental and design laboratories integrated into the courses offered by the research line and with theories, developed with cooperation programmes with industrial partners, and participation in European research programmes. Research Structure: 1) Advanced Design of Mechanical Components [DMC] 2) Structural Integrity and Prognostics [SIP] 3) Ground Vehicles Design and Testing [VDT]
Sito web	http://cmv.mecc.polimi.it/
Responsabile scientifico/Coordinatore	GIGLIO Marco (Meccanica)

Settore ERC del gruppo:

PE4_4 - Surface science and nanostructures

PE5_1 - Structural properties of materials

PE6_12 - Scientific computing, simulation and modelling tools

PE6_6 - Algorithms, distributed, parallel and network algorithms, algorithmic game theory

PE7_3 - Simulation engineering and modelling

PE7_7 - Signal processing

PE7_8 - Networks (communication networks, sensor networks, networks of robots...)

PE8_1 - Aerospace engineering

PE8_12 - Sustainable design (for recycling, for environment, eco-design)

PE8_13 - Lightweight construction, textile technology

PE8_4 - Computational engineering

PE8_5 - Fluid mechanics, hydraulic-, turbo-, and piston engines

PE8_6 - Energy systems (production, distribution, application)

PE8_8 - Mechanical and manufacturing engineering (shaping, mounting, joining, separation)

PE8_9 - Materials engineering (biomaterials, metals, ceramics, polymers, composites...)

Componenti:

Cognome	Nome	Struttura	Qualifica	Settore
BALLO	Federico Maria	Meccanica	Dottorando	ING-IND/14
BUONANNO LLANOS	Flavia Georgina	Meccanica	Dottorando	ING-IND/14
BERNASCONI	Andrea	Meccanica	Prof. Associato	ING-IND/14
BRESCIANI	Luca Mario	Meccanica	Dottorando	ING-IND/14
BERETTA	Stefano	Meccanica	Prof. Ordinario	ING-IND/14
BASSI	Federico	Meccanica	Assegnista	ING-IND/14
COLOMBO	Chiara	Meccanica	Ricercatore	ING-IND/14
CONCLI	Franco	Meccanica	Assegnista	ING-IND/14
CONRADO	Edoardo	Meccanica	Assegnista	ING-IND/14
CARBONI	Michele Ezio Ruggero Maria	Meccanica	Ricercatore	ING-IND/14
CORBETTA	Matteo	Meccanica	Dottorando	ING-IND/14
CRIVELLI	Davide	Meccanica	Dottorando	ING-IND/14
ICOZ	Is-Hak Can	Meccanica	Dottorando	ING-IND/14
FILIPPINI	Mauro	Meccanica	Ricercatore	ING-IND/14
FOLETTI	Stefano	Meccanica	Ricercatore	ING-IND/14
FOSSATI	Massimo	Meccanica	Assegnista	ING-IND/14
GOBBI	Giorgia	Meccanica	Dottorando	ING-IND/14
GOBBI	Massimiliano	Meccanica	Prof. Associato	ING-IND/14
GUAGLIANO	Mario	Meccanica	Prof. Associato	ING-IND/14
GALEAZZI	Riccardo	Meccanica	Dottorando	ING-IND/14
GIANNEO	Andrea	Meccanica	Dottorando	ING-IND/14
GORLA	Carlo	Meccanica	Prof. Associato	ING-IND/14
HASSANI GANGARAJ	Seyyed Mostafa	Meccanica	Dottorando	ING-IND/14
JAMIL	Azhar	Meccanica	Assegnista	ING-IND/14
KHARSHIDUZZAMAN	Md	Meccanica	Dottorando	ING-IND/14
LIBONATI	Flavia	Meccanica	Assegnista	ING-IND/14
ALBERTINI NETO	Horacio	Meccanica	Dottorando	ING-IND/14
LUCCARELLI	Pietro Giovanni	Meccanica	Dottorando	ING-IND/14

LO CONTE	Antonietta	Meccanica	Ricercatore	ING-IND/14
ALLAHVERDIZADEH SHIKHLOU	Nima	Meccanica	Dottorando	ING-IND/14
LIETTI	Matteo	Meccanica	Assegnista	ING-IND/14
ALI ZADEH	Alireza	Meccanica	Dottorando	ING-IND/13
MICCOLI	Stefano	Meccanica	Prof. Associato	ING-IND/14
MANES	Andrea	Meccanica	Ricercatore	ING-IND/14
MORIDI	Atieh	Meccanica	Dottorando	ING-IND/14
MASTINU	Gianpiero	Meccanica	Prof. Ordinario	ING-IND/14
PAGANI	Marco	Meccanica	Assegnista	ING-IND/14
PREVIATI	Giorgio	Meccanica	Ricercatore	ING-IND/14
PETRONE	Gianfranco	Meccanica	Ricercatore	ING-IND/14
PEZESHKI NAJAFABADI	Sayedmahmoud	Meccanica	Dottorando	ING-IND/14
RABBOLINI	Silvio	Meccanica	Dottorando	ING-IND/14
ARAFAH	Diya' Zohdi Ratib	Meccanica	Dottorando	ING-IND/14
REGAZZI	Daniele	Meccanica	Assegnista	ING-IND/14
SBARUFATTI	Claudio	Meccanica	Assegnista	ING-IND/14
SCACCABAROZZI	Fabio	Meccanica	Assegnista	ING-IND/14
VERGANI	Laura	Meccanica	Prof. Ordinario	ING-IND/14
ZARDI	Omar	Meccanica	Dottorando	ING-IND/14

Altro Personale

Bagherifard Sara (Visiting Scientist)

3. Scheda inserita da questa Struttura ("Meccanica"):

Nome gruppo*	Manufacturing and Production Systems
Descrizione	The subjects analysed deal with concern the design and management of product transformation processes. The entire life cycle of the product is considered with a view to sustainable development and, in particular, the mechanical and technological characterization of materials (traditional and innovative) with respect to the processes used to transform them; the methodologies and instruments for the design of processes, components and systems; the management and control of operating systems, assembly, control/testing, recycling; the management, control and on-going improvement of the quality of the products transformed. Research Structure: 1) Manufacturing Processes [MPR] 2) Manufacturing Systems and Quality [MSQ]
Sito web	http://tecnologie.mecc.polimi.it/
Responsabile scientifico/Coordinatore	MORONI Giovanni (Meccanica)

Settore ERC del gruppo:

LS7_8 - Health services, health care research

PE1_14 - Statistics

PE1_17 - Numerical analysis

PE1_19 - Control theory and optimization

PE2_11 - Lasers, ultra-short lasers and laser physics

PE2_17 - Metrology and measurement

PE2_5 - Gas and plasma physics

PE3_14 - Fluid dynamics (physics)

PE5_1 - Structural properties of materials
PE5_2 - Solid state materials
PE5_3 - Surface modification
PE6_11 - Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video)
PE6_12 - Scientific computing, simulation and modelling tools
PE6_9 - Human computer interaction and interface, visualization and natural language processing
PE7_1 - Control engineering
PE7_3 - Simulation engineering and modelling
PE7_4 - Systems engineering, sensorics, actorics, automation
PE7_5 - Micro- and nanoelectronics, optoelectronics
PE7_7 - Signal processing
PE7_9 - Man-machine-interfaces
PE8_1 - Aerospace engineering
PE8_10 - Production technology, process engineering
PE8_11 - Industrial design (product design, ergonomics, man-machine interfaces...)
PE8_12 - Sustainable design (for recycling, for environment, eco-design)
PE8_13 - Lightweight construction, textile technology
PE8_4 - Computational engineering
PE8_7 - Micro (system) engineering
PE8_8 - Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
PE8_9 - Materials engineering (biomaterials, metals, ceramics, polymers, composites...)
SH3_1 - Environment, resources and sustainability
SH3_3 - Environmental regulations and climate negotiations
SH3_5 - Population dynamics, aging, health and society

Componenti:

Cognome	Nome	Struttura	Qualifica	Settore
EBRAHIMI AZARBAYEJAN	Dariussh	Meccanica	Dottorando	ING-IND/16
BERETTA	Alessia	Meccanica	Dottorando	ING-IND/16
BARATTIERI	Silvia	Meccanica	Assegnista	ING-IND/12
CICORELLA	Paolo Costantino	Meccanica	Assegnista	ING-IND/16
CHIAPPINI	Elio	Meccanica	Assegnista	ING-IND/16
COLLEDANI	Marcello	Meccanica	Ricercatore	ING-IND/16
COLOMBO	Daniele	Meccanica	Ricercatore	ING-IND/16
COLOSIMO	Bianca Maria	Meccanica	Prof. Associato	ING-IND/16
CRITELLI	Ida	Meccanica	Assegnista	ING-IND/16
COSTA	Sara	Meccanica	Assegnista	ING-IND/16
DEGIORGI	Andrea	Meccanica	Assegnista	ING-IND/16
DEMIR	Ali Gokhan	Meccanica	Assegnista	ING-IND/16
DAVOUDINEJAD	Ali	Meccanica	Assegnista	ING-IND/16
FRIGERIO	Nicla	Meccanica	Dottorando	ING-IND/16
FURLAN	Valentina	Meccanica	Dottorando	ING-IND/16
AFSHARHANAIE	Ali	Meccanica	Assegnista	ING-IND/16

GALIMBERTI	Giorgia	Meccanica	Dottorando	ING-IND/16
GOLETTI	Massimo	Meccanica	Assegnista	ING-IND/16
GRASSO	Marco Luigi	Meccanica	Assegnista	ING-IND/16
HEYDARYAN	Sahar	Meccanica	Dottorando	ING-IND/16
JADIDI ALAMDARI	Ali	Meccanica	Dottorando	ING-IND/16
AKABERI	Armin	Meccanica	Assegnista	ING-IND/16
KESHARI	Anupam	Meccanica	Assegnista	ING-IND/16
ALBERTELLI	Paolo	Meccanica	Ricercatore	ING-IND/16
LIBRERA	Erica	Meccanica	Assegnista	ING-IND/16
MONNO	Michele	Meccanica	Prof. Ordinario	ING-IND/16
MARESSA	Pietro	Meccanica	Assegnista	ING-IND/16
MUSSI	Valerio	Meccanica	Assegnista	ING-IND/16
MATTA	Andrea	Meccanica	Prof. Associato	ING-IND/16
ANNONI	Massimiliano	Meccanica	Ricercatore	ING-IND/16
PIGHI	Alessandra	Meccanica	Assegnista	ING-IND/16
PAGANI	Luca	Meccanica	Dottorando	ING-IND/16
PELLEGRINELLI	Stefania	Meccanica	Dottorando	ING-IND/16
PARENTI	Paolo	Meccanica	Assegnista	ING-IND/16
PREVITALI	Barbara	Meccanica	Prof. Associato	ING-IND/16
PETRO'	Stefano	Meccanica	Ricercatore	ING-IND/16
REBAIOLI	Lara	Meccanica	Assegnista	ING-IND/16
URGO	Marcello	Meccanica	Ricercatore	ING-IND/16
IORIO	Lorenzo	Meccanica	Assegnista	ING-IND/16
ARLEO	Francesco	Meccanica	Dottorando	ING-IND/16
ARMILLOTTA	Antonio	Meccanica	Prof. Associato	ING-IND/16
RESHAD SEIGHALANI	Kambiz	Meccanica	Dottorando	ING-IND/16
ROSSI	Andrea	Meccanica	Assegnista	ING-IND/16
RATTI	Andrea	Meccanica	Assegnista	ING-IND/16
RIVA	Giovanni	Meccanica	Assegnista	ING-IND/16
SCAGLIONI	Bruno	Meccanica	Assegnista	ING-IND/16
SEMERARO	Quirico	Meccanica	Prof. Ordinario	ING-IND/16
STRANO	Matteo	Meccanica	Ricercatore	ING-IND/16
SYAM	Wahyudin	Meccanica	Dottorando	ING-IND/16
TOLIO	Tullio Antonio Maria	Meccanica	Prof. Ordinario	ING-IND/16
TIRELLI	Stefano	Meccanica	Assegnista	ING-IND/16
TORTA	Mattia	Meccanica	Assegnista	ING-IND/16
VALSECCHI	Bruno	Meccanica	Assegnista	ING-IND/16
WÀJCICKI	Jeremi	Meccanica	Dottorando	ING-IND/16
YALCINDAG	Semih	Meccanica	Assegnista	ING-IND/16
YEMANE	Anteneh Teferi	Meccanica	Assegnista	ING-IND/16
YU	Chun Long	Meccanica	Assegnista	ING-IND/16
ZARINI	Stefano	Meccanica	Dottorando	ING-IND/16

4. Scheda inserita da questa Struttura ("Meccanica"):

Nome gruppo*	Materials
Descrizione	The Research Line Materials deals with the study of engineering materials through the systematic investigation of the connections existing between chemical composition, structure and properties of metallic alloys during service and transformation processes. The main research topics cover a number of different fields ranging from the issues involved in the manufacture of steels and cast iron to the characterization of special and stainless steels, from fracture mechanics to fatigue resistance phenomena and failure. Metallurgy of aluminium, magnesium and other non-ferrous alloys is also investigated considering mechanical behavior and metalworking processes, corrosion resistance, surface treatments and coatings. Further research topics refer to advanced materials such as new titanium alloys, metal matrix composites, ultrafine-grain alloys, shape memory alloys and metallic foams. Research Structure: 1) Advanced Materials [AMT] 2) Applied Metallurgy [HTS] 3) Steelmaking and Metallurgical Processes [SMP]
Sito web	http://mat.mecc.polimi.it/
Responsabile scientifico/Coordinatore	MAPELLI Carlo (Meccanica)

Settore ERC del gruppo:

PE3_14 - Fluid dynamics (physics)

PE5_1 - Structural properties of materials

PE5_2 - Solid state materials

PE5_3 - Surface modification

PE7_3 - Simulation engineering and modelling

PE8_9 - Materials engineering (biomaterials, metals, ceramics, polymers, composites...)

SH3_1 - Environment, resources and sustainability

SH3_3 - Environmental regulations and climate negotiations

Componenti:

Cognome	Nome	Struttura	Qualifica	Settore
BONIARDI	Marco Virginio	Meccanica	Prof. Ordinario	ING-IND/21
BARELLA	Silvia	Meccanica	Ricercatore	ING-IND/21
CARUTTI	Eleonora Maria	Meccanica	Assegnista	ING-IND/21
CASAROLI	Andrea	Meccanica	Assegnista	ING-IND/21
CASATI	Riccardo	Meccanica	Dottorando	ING-IND/21
DI CECCA	Cosmo	Meccanica	Dottorando	ING-IND/21
D'ERRICO	Fabrizio	Meccanica	Ricercatore	ING-IND/21
GARIBOLDI	Elisabetta	Meccanica	Prof. Associato	ING-IND/21
GEROSA	Riccardo	Meccanica	Ricercatore	ING-IND/21
GRUTTADAURIA	Andrea	Meccanica	Ricercatore	ING-IND/21
LECIS	Nora Francesca Maria	Meccanica	Ricercatore	ING-IND/21
LEMKE	Jannis Nicolas	Meccanica	Dottorando	ING-IND/21
MEHDIPOUR	Iman	Meccanica	Dottorando	ING-IND/13
MOMBELLI	Davide	Meccanica	Dottorando	ING-IND/21
MOSTAED	Ehsan	Meccanica	Dottorando	ING-IND/21
PAGGI	Alessandro Angiolo	Meccanica	Dottorando	ING-IND/21
RIVOLTA	Barbara	Meccanica	Prof. Associato	ING-IND/21

ROVATTI	Ludovica	Meccanica	Assegnista	ING-IND/21
SIKORA-JASINSKA	Malgorzata Urszula	Meccanica	Dottorando	ING-IND/21
TOSI	Gianfranco	Meccanica	Prof. Associato	ING-IND/21
VEDANI	Maurizio	Meccanica	Prof. Ordinario	ING-IND/21

Altro Personale	Ozhoga Maslovsk Oksana (Visiting Scientist)
-----------------	---

5. Scheda inserita da questa Struttura ("Meccanica"):

Nome gruppo*	Measurements
Descrizione	Activities conducted within the Research Line Measurements at the Department of Mechanics involve the research in the field of mechanical and thermal measurements. These include the development and application of new sensors, with particular emphasis on weather conditions, the implementation of measurement techniques along with the study and analysis of the characteristics of instruments and measurement chains. Research contracts and tests are performed in cooperation with national and international partners. In addition to lectures, the study programme includes the involvement of students in laboratory activities, using facilities and structures specifically designed for that purpose. The academic staff consists of 7 members (3 full professors, 1 associate professor and 3 researchers). Teaching and research activities are carried out at the Bovisa campus and at the Regional Poles of Lecco and Piacenza. Research Structure: Mechanical and Thermal Measurements [MTM]
Sito web	http://misure.mecc.polimi.it/index_eng.html
Responsabile scientifico/Coordinatore	CIGADA Alfredo (Meccanica)

Settore ERC del gruppo:
PE1_18 - Scientific computing and data processing
PE6_11 - Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video)
PE6_8 - Computer graphics, computer vision, multi media, computer games
PE7_4 - Systems engineering, sensorics, actorics, automation
PE7_7 - Signal processing
PE9_17 - Instrumentation - telescopes, detectors and techniques

Componenti:

Cognome	Nome	Struttura	Qualifica	Settore
BERARDENGO	Marta	Meccanica	Dottorando	ING-IND/12
BUSCA	Giorgio	Meccanica	Assegnista	ING-IND/12
BASSO	Alessandro Lorenzo	Meccanica	Assegnista	ING-IND/13
CHENG	Liangliang	Meccanica	Dottorando	ING-IND/12
DATTEO	Alessio	Meccanica	Dottorando	ING-IND/12
GIANCOLA	Silvio	Meccanica	Dottorando	ING-IND/12
GASPARETTO	Michele	Meccanica	Prof. Ordinario	ING-IND/12
MAINETTI	Giacomo	Meccanica	Dottorando	ING-IND/12
MANZONI	Stefano	Meccanica	Ricercatore	ING-IND/12
MOSCHIONI	Giovanni	Meccanica	Prof. Associato	ING-IND/12
MOSCHINI	Simona	Meccanica	Dottorando	ING-IND/12
PANZERI	Roberto	Meccanica	Dottorando	ING-IND/12
SCACCABAROZZI	Diego	Meccanica	Assegnista	ING-IND/12

SCACCABAROZZI	Matteo	Meccanica	Dottorando	ING-IND/12
SAGGIN	Bortolino	Meccanica	Prof. Ordinario	ING-IND/12
SHATALINA	Irina	Meccanica	Dottorando	ING-IND/12
SALA	Remo	Meccanica	Ricercatore	ING-IND/12
SOLBIATI	Stefano	Meccanica	Dottorando	ING-IND/12
TARABINI	Marco	Meccanica	Ric. a tempo determ.	ING-IND/12
TESTA	Riccardo	Meccanica	Assegnista	ING-IND/12
VANDONE	Ambra	Meccanica	Dottorando	ING-IND/12
ZAPPA	Emanuele	Meccanica	Ricercatore	ING-IND/12

6. Scheda inserita da questa Struttura ("Meccanica"):

Nome gruppo*	Methods and Tools for Product Design
Descrizione	The Research Line Methods and Tools for Product Design falls under the competence of the Department of Design and Methods of Industrial Engineering. The study programme therefore includes methods and instruments used to support the product development cycle and covers all the different design stages, ranging from conception of the product to its development, with particular emphasis on the techniques of virtual prototyping and integrated management of the information concerning the life cycle of the product. Research Structure: 1) Virtual Prototyping [VPR] 2) Product Design [PDS]
Sito web	http://des.mecc.polimi.it/
Responsabile scientifico/Coordiatore	BORDEGONI Monica (Meccanica)

Settore ERC del gruppo:

LS5_7 - Cognition (e.g. learning, memory, emotions, speech)

LS7_8 - Health services, health care research

PE6_8 - Computer graphics, computer vision, multi media, computer games

PE6_9 - Human computer interaction and interface, visualization and natural language processing

PE7_10 - Robotics

PE7_9 - Man-machine-interfaces

PE8_1 - Aerospace engineering

PE8_11 - Industrial design (product design, ergonomics, man-machine interfaces...)

PE8_12 - Sustainable design (for recycling, for environment, eco-design)

PE8_3 - Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment

PE8_8 - Mechanical and manufacturing engineering (shaping, mounting, joining, separation)

SH1_9 - Competitiveness, innovation, research and development

SH5_11 - Cultural heritage, cultural memory

Componenti:

Cognome	Nome	Struttura	Qualifica	Settore
BECATTINI	Niccolò	Meccanica	Assegnista	ING-IND/15
COLOMBO	Edoardo Filippo	Meccanica	Dottorando	ING-IND/15
COLOMBO	Giorgio	Meccanica	Prof. Associato	ING-IND/15
CAMERE	Serena	Meccanica	Dottorando	ING-IND/15

CARULLI	Marina	Meccanica	Assegnista	ING-IND/15
CARRABBA	Ernesto	Meccanica	Assegnista	ING-IND/15
CARUSO	Francesco	Meccanica	Ricercatore	ING-IND/15
CARUSO	Giandomenico	Meccanica	Ricercatore	ING-IND/15
CASCINI	Gaetano	Meccanica	Prof. Associato	ING-IND/15
CITRO	Marco	Meccanica	Dottorando	ING-IND/15
COVARRUBIAS RODRIGUEZ	Mario	Meccanica	Assegnista	ING-IND/15
DE LUCIA	Daniela	Meccanica	Assegnista	ING-IND/15
FURINI	Francesco	Meccanica	Dottorando	ING-IND/15
FERRISE	Francesco	Meccanica	Ricercatore	ING-IND/15
GUIDI	Gabriele	Meccanica	Prof. Associato	ING-IND/15
GONIZZI BARSANTI	Sara	Meccanica	Assegnista	ING-IND/15
GIROTTI	Ambrogio	Meccanica	Prof. Associato	ING-IND/15
GRAZIOSI	Serena	Meccanica	Ricercatore	ING-IND/15
GATTI	Elia	Meccanica	Dottorando	ING-IND/15
KUCHARAVY	Dzmitry	Meccanica	Assegnista	ING-IND/15
MICOLI	Laura Loredana	Meccanica	Assegnista	ING-IND/15
MANSUTTI	Alessandro	Meccanica	Dottorando	ING-IND/15
ANGHELEDDU	Davide	Meccanica	Dottorando	ING-IND/15
NIKULIN CHANDIA	Christopher Nick	Meccanica	Dottorando	ING-IND/15
PUCILLO	Francesco	Meccanica	Dottorando	ING-IND/15
PARVIN	Mehdi	Meccanica	Dottorando	ING-IND/15
RE	Guido Maria	Meccanica	Assegnista	ING-IND/15
RAMADURAI	Balachandar	Meccanica	Assegnista	ING-IND/15
ROSA	Francesco	Meccanica	Ricercatore	ING-IND/15
SALIMINAMIN	Sara	Meccanica	Dottorando	ING-IND/15
VIGANO'	Roberto	Meccanica	Prof. Associato	ING-IND/15
