



MIPET Organization Contacts and Attendance

MASTER ORGANIZATION

MIPET Master is coordinated by a Technical Scientific Committee including Companies Representatives and University Professors, under the direction of Agostino Bruzzone (Full Professor Industrial Plants, MISS DIPTM, MIPET Director)

INTERNATIONAL MASTER

MIPET is an International Master Program looking for International Top Quality Students and involving Professors and Experts from International Excellence Centers



WHO SHOULD ATTEND

- Young Engineers with strong technical background (Engineering Degree)
- Engineers interested in attending specific Thematic and Operative Educational Modules of the Master Program that are already working in Companies involved in Construction and Engineering of Industrial Plants & related sectors

INVESTMENTS, SELECTION & PLACEMENT

This Master is based on explicit cooperation among the Sponsors Companies and the University of Genoa, in fact the Industrial Sponsors have fully financed the last Edition without benefit of any public funding, confirming their firm interest in this initiative. To attend this Master is requested to pass a selection process by submitting a Resume, providing a technical report and attending a Live or Virtual Interview with top Experts.



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MIPET

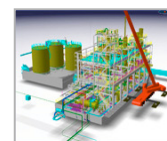
Edition 2011/2012

Master in Industrial Plant Engineering & Technologies



www.itim.unige.it/cs/plants

Genoa University and the Major Italian Companies in Industrial Plants are working together for the third Edition of the Master in Industrial Plant Engineering and Technologies (MIPET) to create Top Quality Opportunities for Young Engineers and to provide advanced skills on Industrial Plant Technical Issues with special attention to Construction and Engineering in Power Generation, Iron & Steel and Environment.



Organizers & Supporting Institutions



Facoltà di Ingegneria
Università degli Studi di Genova



DIPTM



AIPI



PERFORM



Ordine degli Ingegneri
della Provincia di Gen



CONFINDUSTRIA
GENOVA

Sponsors



DANIELI CENTRO COMBUSTION



Duferco
Engineering



PAUL WURTH



FISIA ITALIMPIANTI
Gruppo IMPREGILO



PRISMA
Impianti

tenova





Why a Student should attend MIPET?

MIPET: A COMPETITIVE ADVANTAGE FOR YOUNG ENGINEERS

The Master in Industrial Plant Engineering and Technologies (MIPET) is part of a large initiative devoted to develop excellence in Industrial Plants and Engineering through the synergy between the expertise of Genoa University Engineering Faculty and Top Level Companies with long traditions.

MIPET deals with one-year Master degree program, organized in Genoa University within strong International Cooperation, focusing on preparing new generations of top quality technical experts for process engineering and power equipment suppliers as well as construction contractors.

This Master is devoted to create System and Process Engineers, Technical Coordinators operating effectively in Project Teams in Global Engineering and Construction around the world.

The main aim it is to satisfy the expectation from Leading Industries in term of high technical skills and excellence capabilities in Industrial Plants and Engineering.



MIPET BENEFITS FOR STUDENTS

MIPET is a great opportunity for young engineers:

- High Profile Professional Educational devoted to provide High Value Skills in Industrial Plant Engineering and Technologies
- Continuous Interaction with Top Quality Experts from Academia, Industry, Institutions & Societies leading Construction & Engineering at International Level
- Very Highly Qualified Selection and Evaluation Processes that guarantees the Master Attendees as highly qualified resources for top multinational companies
- Opportunities to complete International Field Experiences working on real Challenging Industrial Plant Projects with State of Arts Solutions and Equipment
- Visibility and Direct Contact with Executives, Technical Directors and Human Resource Responsible of major Companies in Construction and Engineering
- Empowering the Human Potential of the attendees by developments and improvements of their Individual and Team Working capabilities



MIPET & Leading Companies in C&E

MIPET BENEFITS FOR SPONSOR COMPANIES

MIPET is a great opportunity for Sponsors:

- Active role in Selection & Final Evaluation processes of Master Candidates
- Opportunity for deep evaluation and selection of Master Attendees during Educational Modules and Internship
- Opportunity to obtain special condition for Operative and Thematic Modules devoted to engineers already employed in the Company for improving their skills
- Sharing High Quality Education Costs
- Cultural Interaction among the different Actors of this initiative: Industrial Companies, Universities, International Centers and Local Institutions.
- Joint University-Industry stimulation of interest and research projects on subjects related to Construction, Engineering and Industrial Plants
- Development of a Fertile Background in the Industrial Plant, Global Engineering and Construction devoted to enhance the competitiveness of the whole system



GENERAL PROGRAM

- Basic Modules for Industrial Plants, Construction and Engineering
- Operative Modules on Critical Issues for Industrial Plants, open to be attended as stand alone courses by external professionals and including individual and team projects works to be carried out in competition/cooperation interacting with experts
- Thematic Modules on Specific Plant Sectors (i.e. Power, Steel, Environment)
- Company Internships devoted to acquire direct field experience on real projects
- Interactive Tours in Industrial Plants, Sites, Engineering Centers and Labs

MIPET Educational Module Topics

Basic Modules	Operative Modules	Thematic Modules
Fundamental Concepts related to Industrial Plants Projects	Standards & Regulations	Power Plants
Fundamentals of Financial Analysis for Industrial Plants	Project Management	Iron & Steel Plants
Processes Engineering and Components in Industrial Plants	Construction	Plants for Environment
Design and Engineering for Industrial Plant Systems	Safety & Security	
Material Technology, Mechanical Design and Industrial Plants		
Automation in Industrial Plants		
Environmental Control Techniques and Industrial Plants		
Software Systems for Supporting Industrial Plant Design & Evaluation		

