CDI SAM - Science & Management
Collège des Ingénieurs history

**Collège des Ingénieurs** was founded together by the French Industry leaders and the French Grande écoles

CDI opens the German Branch of CDI with the support from the Baden Württemberg region

By the joint initiative of CDI France, *John Elkann* - President of Fondazione Giovanni Agnelli, *Marco Tronchetti Provera* - President of Fondazione Pirelli and *Riccardo Garrone* - President of fondazione Edoardo Garrone, CDI ITALIA (previously SAFM) was established in Turin

**Excellence**
Tailor made for young talents & professionals from the best Universities in Europe, with top professors & testimonials.

**Impact**
Ambitious and brilliant talents with the desire to impact the future and empower the ecosystem where they work.

**Innovation**
Encouraging new ideas and innovation mindset: no better place for an international and innovative network for talents
Stefania Battaglino  
Head of Employer branding & Young Generations, Edison  
“CDI acts as a booster on individual’s development, helping participants to manage complex relationships in the world of work”.

John Elkann  
Chairman and CEO of Exor  
“CDI MBA is an accelerator for career path”

Markus Nordberg  
Head of Resources Development, CERN  
“CDI Italia selects and prepares the best young talents to face global challenges & emerging techs”

Francesco Agostino  
CDI Alumnus, Former CEO Air Liquide Italia  
VP of Business Transformation Europe  
“There are two components for success of CDI: talented people and innovation”

Collège des Ingénieurs in a nutshell

30+ PhDs each year  
90+ Industrial company partners  
120+ MBA talents each year  
3000+ Alumni around the world

4 CDI Seminar Locations:  
- Turin  
- Paris  
- Munich  
- Cern

Official Partner of:

- [NOVA Italian MBA Association]
- [CERN]
- [University of Science and Technology (MUIST)]
Collège des Ingénieurs main activities

**MBA**
- Top STEM Talents in EU
- Action Learning MBA
- 70+ Industry Partners

**Science and Management**
- Double Degree for PhD
- R&D + Innovation Mgmt
- Partners: Sorbonne, IIT, KIT, Aachen, etc

**CDI Labs**
- Startup Collaborations
- Internal Innovation
- Cross-Ind. Innovation

**Talents**

**Innovation**

**Innovation 4 Change**
MBAs and PhDs are empowered to tackle global challenges from companies using cutting edge technologies provided by CERN and partners

**Special projects**

**Transition Acceleration Program**
A joint mission to accelerate collaborative sustainable transition across European industry at policy, assets and financial levels

**Top Talents Recruitment**
Tech Competent Managers

**Spin-Off, POC Mgmt. etc.**
Challenge Based Innovation

**New Tech & Market Sourcing**
Being part of CDI Ecosystem
Science & Management - Developing Ph.D. talents

A unique opportunity that enables PhD students to complete their doctorate with and MBA at Collège des Ingénieurs, gaining management and entrepreneurial know-how and work together with European industry.

This opportunity is open to Ph.D. students coming from different background in the STEM areas. Here is a graph of the typical composition of one of our intakes.

Since 2009, CDI has been cooperating with prestigious institutions in France, Germany, Switzerland and Italy within the context of the Science & Management program.

Here some partners:

*and many others
Why the CDI MBA is relevant for you?

1. Research valorization and deep tech needs are increasingly requested from partner companies for transition goals.
2. SAM can fill the gap to improve the “valorization” of the under-valorized EU research ecosystem (Ph.D, universities and research centers).
3. CDI has developed a concrete ecosystem of innovation experts & 50% of current CDI industry projects are in innovation.

Why the CDI MBA is relevant for your research?
Key pillars & learnings

Focus on Innovation & Entrepreneurship
- Innovation program
- Masterclasses from entrepreneurs
- R&D and Innovation Missions

International Mindset
- Exchange with France & Germany Intakes
- Learning seminars abroad

Core Soft Skills
- Team work
- Leadership
- Communication

Thriving Network
- Pool of top talents from across Europe
- Active alumni network worldwide
Science and Management schedule
Subject to yearly review

Innovation 4 Change
15 days shared in advance
Year 1
- Challenge Based collaborative innovation program
- MBA of CDI Italy + Ph.D. profiles + SAM
- Soft Skills embedded in the program

Research 2 Market
10 days shared in advance
Year 2
- Start from Tech Portfolio of several institutions as CERN, Marie Curie, Max Planck, and many others
- Soft Skills embedded in the program

SAM Leadership Modules
Elective days online/presence
Year 3
- How to valorize your PhD
- Intercultural collaborations
- Effective communication

Ph.D. Graduation

Enter MBA Promo
Year 4

MBA Seminars + Mission
12 Weeks + 26 Weeks (9 Months - 3 Weeks/Month)

Touchpoints

Top Science & Tech Testimonials
One/Quarter

Nobel Laureates,
CTOs
Tech Startup Founders
Head of Research Centers

Social Events of MBA Fellows
Seminars, professors and experts

INTERPROCESSES MANAGEMENT
Prof Didier Miraton
Former CEO Almérys & Pierre Fabre SA, Former Managing Partner at Michelin

VALUATION RESTRUCTURING & FINANCIAL ENGINEERING
Prof Marc Bertoneche
Former Prof at Harvard Business School & INSEAD

STRAATEGY
Prof Achin Schmitt
Dean at EHL Lausanne and Geneva University

DESIGN THINKING
Prof Jacqueline Fendt
ESCP & Ecole Polytechnique Paris

MAIN Courses
- Inter-process Management
- Marketing
- Balance Sheet Analysis
- Strategy
- Sales
- HR Management
- Financial Modelling
- Operations Management

ADVANCED Courses
- Management Accounting
- Investments
- Advanced Strategy
- International Finance
- Management of Services
- Innovation for Change
- Project Management
- Geo-politics scenarios

HARD SKILLS
- Presentation Skills
- Selling Strategies
- Negotiations

+coaching/mentorship – group and individual sessions

SOFT SKILLS
- Intercultural Communication
- Agile Leadership
- Organization & Performance
Learning from Top Class Executives & Figures

We believe that it is important for our participants to learn how to lead the way from important figures from a business and social point view. Here some examples of person who dedicated their time in the past year:

- **CEDRIK NEIKE**
  Siemens Board Member CEO of Smart Infrastructure division

- **JOHN DE SOUZA**
  CDI Alumnus, Founder of FlashUp – Sold to Microsoft as MSN

- **ELENA BONETTI**
  Minister for Equal Opportunities

- **SUZANNE HEYWOOD**
  Executive Chair of CNH Industrial & Managing Director in Exor

- **CORRADO PASSERA**
  Former Italian Minister, Founder and CEO of illimity

- **ELISABETTA MAGISTRETTI**
  Independent Board Director Luxottica

- **ERNESTO CIORRA**
  Head of Enel Foundation & Chief Innovability Officer at Enel

- **TITO BOERI**
  Former President of Institute for National Security & Economist
Coaching and Mentoring

Thanks to the activity carried out by the coach, the fellows are able to learn and develop new techniques and action strategies that will allow them to improve both performance and quality of life.

The coaching activity accelerates the growth of the individual allowing him to focus more effectively and consciously on the objectives to be achieved and the consequent choices to be made.

MENTORING
Individual sessions

Individual sessions to help each Fellow to move from an engineering perspective to that of an entrepreneur or manager, to prepare for the company mission interviews and to aim to position well, young professionals with high potential within the company mission as well as in the search for their first job.

Group mentoring is carried out in small clusters during workshops.
Peer to Peer Learning and extensive network

Immersed with others from completely different background, the participant will create a wide professional and international network, gathering different perspectives.

- **FINANCE & M&A**
  - New investment opportunities evaluation, investor relation

- **BUSINESS DEVELOPMENT**
  - Area Management, market evaluations and partnerships

- **PLANNING AND CONTROL**
  - Business planning, budgeting activities and workflow restructuring

- **MARKETING**
  - New marketing challenges for emerging markets, digital marketing & e-commerce

- **MANAGEMENT INNOVATION**
  - PM activities on various technologies (ie. AI, APC) and Open Innovation

- **ESG & IMPACT ECONOMY**
  - Define ESG Strategies, with topics related to sustainability balance, decarbonization, circular economy
Some mission from the previous year

Some projects in details, as an example, but not limiting to them.

**PARTNERSHIP DEVELOPMENT**
Strategic development of ecosystem partnerships in the Fintech field.

The main activity focused on the identification, management and support in the management of partnerships in the financial technology field.

**PROJECT MANAGEMENT**
Application of the Lean Project Management approach in the Cross Segment Electrification Team.

The project focus on actively contribute to the management activities, by experience in the field the degree of leadership and project management skills, defining activities and related planning.

**MARKETING & PRODUCT STRATEGY**
Support the European Vice President Business Transformation and Product Strategy of a Chemical company.

The main activity focused on analysing of the landscape at EU level of the main Business support processes and reassessing all business processes for further streamlining and rationalization.

**MANAGEMENT INNOVATION & R&D**
Supporting the governance model of the innovation initiatives implemented by the company in the energy sector.

The main activities focused on supporting the startup / scaleup preselection by contributing to the systematization of the evaluation criteria. Further also the coordination and support for the implementation of PoCs with startups / scaleups.
Alumni paths after the program

More than 4000 Alumni in top management positions around the world keep sharing Missions and feed an international and professional network.

**John De Souza, CDI 1996**
Serial Entrepreneur (Smartleaf, Flash Communication - sold to MSN Messenger)

**Simone Maggi, CDI 2011**
Former CEO/founder Lanieri
CEO/Founder Gility

**Amrita Sarkar, CDI 2012**
Senior VC Business
Development Manager
Amazon

**Gabriele Pece, CDI 2012**
Data Science Manager
Pirelli

**Valeria Ingrosso, CDI 2013**
Director Private Patients Humanitas

**Carlotta Orlando, CDI 2016**
VC Investor in CDP
Edison - EDF
Alumni network

Alumni Events during the year

February: Skiing & Leadership Event CDI Italia Mountains, +80 Alumni CDI Italia

May: CDI International Alumni Convention Germany, +50 Alumni CDI Italia, +150 from Europe

September: Statutory Meeting CDI Italia Various, +80 Alumni CDI Italia

November: Nova - MBA Association of Italian Abroad US/UK, +30 Alumni CDI Italia

Plus monthly meetings in Turin, Milan, Rome, London, etc. Dedicated online Platforms, Webinars and Groups