**Programma del Corso Modern Trends in Chemistry, Industry and Management della laurea magistrale in Chimica Advanced Molecular Sciences (Aula 186 del Dipartimento di Chimica)**

Tutti gli studenti dell’Università di Firenze (Triennali, magistrali, Dottorandi) possono seguire i seminari. Il numero dei partecipanti in aula è limitato ma tutti possono partecipare on line. L’accesso è possibile attraverso MOODLE. Tutti coloro che hanno una matricola possono iscriversi alla piattaforma MOODLE (<https://e-l.unifi.it>) e scegliere il corso. L’accesso al corso è ad accesso libero e non viene richiesta chiave di accesso. Il suo codice, per aiutare a trovarlo, è: B030750 (B234).

Il corso (coordinatore Prof. Andrea Caneschi) è composto da una serie di seminari che intendono offrire una panoramica di argomenti di interesse industriale, scientifico applicativo e manageriale.

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| --- | --- | --- | --- | --- | --- |
| Giulia Grancini | UniPV | Solar Energy: the Frame and an Introduction on New generation technologies | 30-set | merc | 11.30-12.50 |
| Giulia Grancini | UniPV | Hybrid Perovskite Solar Cells as a game changing technology | 01-ott | giov | 11.30-12.50 |
| Dario Pasini | UniPV | Organic Photovoltaics | 02-ott | ven | 8.30-9.50 |
| Massimo Chindemi | ENI | The technology leverage towards the decarbonization: the priority areas for Eni’s R&D | 07-ott | merc | 11:30-13:00 |
| Fabio Masi | IRIDRA | Biogeochemical cycles decoupling in the industrialised era - Water scarcity - POPs around the planet - The "flush & forget" approach | 09-ott | ven | 10.00-11.30 |
| Sabrina Conoci | ST Microel. | Organization and Management of the R&D Process in the Industry - 1 | 13-ott | mart | 14.00-16.00 |
| Sabrina Conoci | ST Microel. | Organization and Management of the R&D Process in the Industry - 2 | 14-ott | merc | 10.30-12.00 |
| Fabio Masi | IRIDRA | Sustainable Water Management - Nature Based Solutions - Green Infrastructures | 16-ott | ven | 10.00-11.30 |
| Laura Zanibelli | ENI | IP strategy & valorization | 19-ott | lun | 14:00-15:30 |
| Carlo Costa | ENI | IP protection: Patents and Freedom to Operate | 21-ott | merc | 11:30-13:00 |
| Gianni Girotti | Versalis / CEFIC | Bioeconomy in the Green deal and how to develop Bio-based products market | 23-ott | ven | 09:00-11:30 |
| Laura Meda | ENI | How the electrical energy can be stored? | 27-ott | mart | 14:00-15:30 |
| Fabio Masi | IRIDRA | Sources segregation and valorisation: resource recovery oriented sanitation | 28-ott | merc | 11.30-12.50 |
| Riccardo Po' | ENI | Fusion Energy | 29-ott | giov | 14:00-15:30 |
| Daniele Bianchi | ENI | Biomass to biofuels: biochemical technologies | 04-nov | merc | 14:00-15:30 |
| Aldo Bosetti | ENI | Biomass to biofuels: thermochemical technologies | 06-nov | ven | 14:00-15:30 |
| Thomas Pasini | ENI | The Greenrefinery roadmap: the EcofiningTM tecnology | 11-nov | merc | 11:30-13:00 |
| Fabio Masi | IRIDRA | Nature-Based Solutions, applications worldwide: case studies | 13-nov | ven | 10.00-11.30 |
| Ernesto Roccaro | ENI | Hydrogen, a new energy vector: grey, green o blue | 18-nov | merc | 11:30-13:00 |
| Fabio Masi | IRIDRA | Sustainable Urban Drainage Systems and their role in pollution control | 20-nov | ven | 10.00-11.30 |
| Assanelli/Notari | ENI | Additives for Energy Saving Lubricants with low Enviromental Impact | 25-nov | merc | 11:30-13:00 |
| Fabio Masi | IRIDRA | Water-Food-Energy Nexus | 02-dic | merc | 11:30-13:00 |
| Johan Smets | Procter&Gamble | Consideration around the choice between an Industrial and Academic career. | tdb |  | 2 h |
| Johan Smets | Procter&Gamble | The chemistry of delivery systems and the efficiency of active delivery | tdb |  | 2 h |
| Ishi Talmon | Technion Univ Israele | CryoTEM, from the discovery to the applications | tbd |  | 2-4 h |
| Heiko Wende | Univ Duisburg-Essen | An introduction to synchrotron-based investigation techniques for hybrid interfaces | tdb |  | 4 h |