



**POLITECNICO
DI TORINO**

March 21, 2017

Research Day

Politecnico di Torino Research Stories

Great Hall "G. Agnelli"
C.so Duca degli Abruzzi 24, Torino

9.15 ● Registration

9.30 ● Enhance research : the role of today's technical universities

Marco Gilli, Rector of Politecnico di Torino

10.00 ● Fundamental collaborative and industrial research at Politecnico di Torino: strategies, actions and funding

Introduction by Stefano Corgnati, Vice Rector for Research and **Laura Fulci**, Research Support Department Director
Stories by Researchers:

- **V. Cauda - TrojaNanoHorse "Hybrid immune-eluding nanocrystals as smart and active theranostic weapons against cancer"** - European Research Council (European Commission)
- **P. Asinari - NANOSTEP "NANOfluid-based Solar absorption for Thermal Energy and water Purification"** Politecnico di Torino internal call for grants "La Ricerca dei Talenti" (Fondazione CRT)
- **L. Bruno, L. Preziosi and D. Fransos (OptiFlow) - SmART "Sand Mitigation around Railway Tracks"** Marie Skłodowska-Curie actions (European Commission)
- **L. Rondi, L. Settineri and A. Jadresic** (University Adolpfo Ibanez – Chile) – **Impact of technological and economic regulatory changes in the electric power industry** – Politecnico di Torino internal call for grants Visiting Professors
- **P. Lombardi and A. Osello - DIMMER "District Information Model and Management for Energy Reduction"** FP7 (European Commission)
- **A. Acquaviva and E. Pons - Flexmeter "Flexible Smart Metering architecture for multiple energy vectors"** Horizon 2020 (European Commission)
- **M. Carello - "From Shell Eco-marathon to IEHV research group - Innovative Electric Hybrid Vehicles"** Politecnico di Torino grants for student's projects and regional Automotive Platform
- **F. Laio and P. Allamano (Waterview) - SMARTrain "An IoT-based solution for real time rain mapping"** SME instrument (European Commission)

Stories by Industrial partners:

- **G. Cornacchia** (Head of EMEA Product Development, FCA e CEO, CRF) **Collaboration agreement between Politecnico di Torino and FCA**
- **P. Calefati** (IP and Innovation manager, Prima Industrie) – **Smart factory platform: Stamp project "Development of Additive manufacturing in Piedmont"**
- **G. Tannoia** (Executive VP, Eni) – **Collaboration agreement between Politecnico di Torino and Eni**
- **A. Pisoni** (Control Systems Director, GM) **Politecnico di Torino – GM joint lab**

11.30 ● Coffee break

12.00 ● Research Results and technology transfer at Politecnico di Torino

- **E. Paolucci** (Vice rector for Technology Transfer, Politecnico di Torino) – **TT role in stimulating investment On research results**
- **E. Magli** – **ToothPic "A large-scale camera identification system based on compressed fingerprints"** European Research Council (European Commission)

12.20 ● Round table – The future of research funding

Introduction by F. Profumo (President, Compagnia di San Paolo)

Participants: **M. Gilli** (Rector, Politecnico di Torino); **G. De Santis** (Production, Energy, Innovation and Research Assessor - Regione Piemonte); **P. Pisano** (Innovation Assessor, Comune di Torino); **M. Lapucci** (General Secretary, Fondazione CRT); **R. Pietrabissa** (VP Scientific Council, CNR); **P. Calefati** (IP and Innovation manager, Prima Industrie); **F. Galliano** (Government Relations Manager, GM); **D. Sacco** (Head of Powertrain Research and Technology, CRF); **G. Tannoia** (Executive VP, Eni)

Moderator: **M. Ferrando**, Il Sole 24 Ore

15.00 ● ERC café

Salone d'Onore, Castello del Valentino - Viale Mattioli 39, Torino



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