

CURRICULUM VITAE

Luciana LISI

Education:

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| Graduation in Industrial Chemistry | 1989 | University "Federico II" |
| Ph.D. in Chemical Engineering | 1995 | University "Federico II" |

Current position:

Senior Researcher at the Istituto di Ricerche sulla Combustione (Consiglio Nazionale delle Ricerche)

Specialization:

- (i) main fields of interest: Materials and catalytic processes for energy and environment
- (ii) current research interests: Partial and total oxidation of light hydrocarbons in structured bed catalytic reactors
Catalytic conversion of biomass
Post-combustion treatment of exhaust gases from power plants and automotive and marine engines
Kinetic studies of catalytic reactions
Synthesis and characterization of transition metal oxides and noble metals based catalysts, microporous materials
Purification of biogas

She has authored more than 100 publications in international journals and about 100 in international conference proceedings; she has filed 1 international patent licensed to industrial partners

Referee for many international scientific journals, e.g.: *Applied Catalysis (A and B)*, *J. Molecular Catalysis A*, *Industrial & Engineering Chemistry Research*, *Catalysis Communications*, *Solid State Sciences*, *Fuel*, *Fuel Processing Technology*, *Chemical Engineering Journal*, *Polyhedron*, *Materials Chemistry and Physics*, *Catalysts* etc.

Task leader in the project Waste2Fuels (www.waste2fuels.eu) 'Sustainable production of next generation biofuels from waste streams' (N. 654623) (Horizon 2020).