

# FRANCESCO OLIVERO

## Master Degree:

Olivero Francesco was awarded a Master Degree on 15th July 2009 on “Advanced Chemical Methodologies (Reactivity and Catalysis curriculum)” at the University of Torino.

Thesis Title: “*Synthesis of  $ZrO_2 - TiO_2$  mixed oxides and characterization of paramagnetic defects*”. The characterization was accomplished by various techniques viz. EPR, Powder X-Ray Diffraction, MicroRaman, B.E.T. and Diffuse Reflectance UV-Vis Spectroscopy.

Thesis Supervisor: *Dott. Maria Cristina Paganini.*

Inorganic Materials and Metal Oxides Surface Chemistry group of Elio Giamello.  
University of Torino, Italy.

## PhD. Program

- Currently enrolled under a PhD program at the “*Università degli Studi del Piemonte Orientale*”, under the supervision of *Prof. Leonardo Marchese* researching on “*Synthesis and characterization of Polyhedral Oligomeric Silsesquioxanes (POSS)*” having mainly photoluminescent and electroluminescent properties. Conventional organic synthesis techniques are being used to modify **POSS** functionalities for drug delivery and various other applications.