

Name: Full Professor Francesco FRACASSI- Chair Chemistry Department

Institution: Department of Chemistry University of Bari “Aldo Moro”

Address: *Campus Universitario, Via Orabona, 4 – 70126 Bari IT*

Telephone: 00390805442009

Cell Phone:

Email: francesco.fracassi@uniba.it

COURSE: Bachelor in Chemistry and Material Science: General Chemistry

Master Degree in Chemistry: Plasma Chemistry

1. RESEARCH AND INTERNATIONAL ACTIVITY

The research activity of prof. Fracassi concerns essentially on the investigation of low and atmospheric pressure non equilibrium plasmas and on the innovative processes which can be carried out with this kind of reactive systems, e.g., dry etching, plasma enhanced chemical vapor deposition, surface modification of conventional materials, preparation of hybrid nanocomposite organic-inorganic thin films with multifunctional properties, active thin films for water-oil separation, destruction of gaseous contaminants in the air by means of dielectric barrier discharges. Thanks to his relevant research activity, Prof. Fracassi has been involved in many research projects funded by private and public institutions (Regional, National and European). The researches have been and are carried out in collaboration with prestigious research institutes and companies and resulted in several invited talks to international congresses and workshops.

2. ADDITIONAL INFORMATION

November 2012-November 2015 member of the Academic Senate of the University of Bari.

In the triennium 2013-16, Prof. Fracassi was vice-president of the “Plasma Science and Technique Division” of IUVSTA “International Union for Vacuum Science, Technique and Applications” and in June 2016 he was elected president of the “Thin Film Division” of IUVSTA.