

Dr. Panagiotis Spathis

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CURRICULUM VITAE

Metallurgical Engineer (National Technical University of Athens, School of Metallurgical Engineering).

Ph.D. Thesis (National Technical University of Athens, School of Chemical Engineering).

Sabbatical, University of Newcastle, U.K., (Dept. of Mechanical, Materials and Manufacturing Engineering).

Professor, Aristotle University of Thessaloniki, Head of School of Chemistry.

Head of Laboratory of Chemical and Environmental Technology 2014-2017

Head of School of Chemistry 2017-

Teaching and invited lecturer of graduate and postgraduate lectures in Departments of greek and foreign universities. Member of the Establishment Committees of Master`s Degree programmes. Supervisor of senior Thesis of students, supervisor and member of advisory committee of postgraduate and PhD Thesis.

Member of scientific unions and committees, organizational, scientific, editorial and publishing committees and boards of scientific journals, workshops, symposia and conferences.

Referee in issues of scientific journals.

Knowledge of English and French language.

Professional-Research Interests

- Conservation Science - Corrosion and protection of materials
 - Damage estimation, conservation and restoration of historic monuments and cultural heritage objects
- Conservation of historic monuments and cultural heritage objects by diagnostic methods-Non Destructive Techniques of study, synthesis and application of advanced coatings, nanocomposite coatings / coatings with semiconductive properties / coatings with hydrophobic – superhydrophobic properties, for the protection of the building materials.
- Influence of environmental conditions in corrosion and deterioration of materials.
 - Corrosion, Stress Corrosion Cracking and Protection of metals.
- Protection of metals from corrosion by advanced nanocomposite materials.
- Application of electrochemical methods for the study of corrosion of metals and the protective properties of coatings.

Research Programmes, Projects and Collaborations in the field of conservation of historic monuments and cultural heritage objects

Author or co-author of scientific publications, announcements, teaching books for graduate and postgraduate students of Aristotle University of Thessaloniki.