

Simeon Agathopoulos, (45), is Assistant Professor of Ceramic Materials Technology (www.agathopoulos.org).

Personal data

He was graduated from the Chemistry department of the University of Patras (1987).

His Ph.D. studies were carried out in the Laboratory of Metallurgy of the Chemical Engineering department of the University of Patras (1994). During that period, he was a post-graduate fellow of the Institute of Chemical Engineering and High Temperature Processes (ICE/HT of FORTH) and his Ph.D. Thesis was financially supported by the first European Project on Bioceramics in Europe (Eureka).

Then he joined the Institute for Advanced Materials of the Joint Research Centre (IAM/JRC) of the European Commission in the Petten-site, the Netherlands, as a Post Doctoral Researcher in the framework of an individual fellowship Marie-Curie for 2 years (1994-1996).

After completed his Military Service in the Greek Navy, he joined, as a Post-Doctoral Researcher, the department of Ceramics and Glass Engineering of the University of Aveiro, Portugal, in 1999, financially supported by individual fellowships of the University of Aveiro and mainly by the Foundation of Science and Technology (FCT) of Portugal.

Dr. Agathopoulos returned to Greece and joined the Laboratory of Ceramics and Composite Materials (CCL) of the Department of Materials Science and Engineering of the University of Ioannina in the framework of the Project ENTER (financially supported by the EU and the Greek Secretariat of Science and Technology) as an “Excellent Scientist from Abroad” in 2006.

He was elected as Assistant Professor of Ceramics Technology in the same Department in February 2008 and he undertook his duties in January 2009.

Research interests

The Research Interests of Dr. Agathopoulos are:

1. Ceramics (preparation methods), mechanical and thermal properties, surface characterization).
2. Bioceramics (application of ceramics in biomedicine, biocompatibility).
3. Ceramic-Metal Interfaces, (wettability, work of adhesion, interfacial energy), and ceramic-metal composites (joining techniques, brazing).

Research records

The databases of ISI and Scopus record about 125 research papers of him (among them, there are more than 55 papers with affiliation of the department of Materials Science and Engineering of the University of Ioannina), which have been cited about 700 times, or about 500 times without the self-citations, resulting in an h-index equal to 14. According to these databases, his papers are classified in the fields of Materials Science, Ceramics and Composites (46%), Chemical Engineering (20%), Engineering (10%), Physics (8%), Biochemistry (7%), Chemistry (7%) and other fields with less %.

The scientific outcome of his research work has been also presented in more than 180 presentations and lectures in conferences, mainly international, as well as in several universities all over the world. Among them, he has presented more than 10 invited and plenary lectures in international conferences.

Since he joined the department, he has organized the 6th International Conference of High Temperature Capillarity (HTC-2009) in Athens in 2009 with about 125 participants, and the 4th National (Hellenic) Conference on Bioengineering (ELEMBIO) in Ioannina in 2010 with about 200 participants. He has also been and is member of several Scientific Committees of Scientific Conferences, mainly International.

He is Reviewer of 33 International Scientific Journals.

He is member of the Greek Chemistry Society, the Hellenic Ceramic Society, the European Ceramic Society, the American Ceramic Society (Engineering Ceramics Division), the

European Society for Biomaterials, the International Society for Ceramics in Medicine (ISCM), the Hellenic Society of Biomechanics, the Hellenic Society of Biomaterials, the Marie Curie Fellowship Association (the Greek and the Portuguese branches of M.C.F.A.), and the National Institute of Ceramic Engineers (NICE) of the USA.

Teaching

Regarding his teaching duties in the department, he teaches the followings:

In the undergraduate courses, Ceramics, Glasses and Glass-Ceramics, Bioceramics, Advanced Ceramics, High Temperature Interfacial Interactions, Laboratory of Ceramics and Composites.

In the Masters courses, Bioceramics and Bioglasses

He is supervisor of 1 PhD Theses and member of the Advisory Committee of 1 PhD Thesis (both of them are running).

He has been supervisor of 1 Masters Thesis (accomplished). 2 Masters Theses are currently running under his supervision.

He has been member of several Juries of Diploma Theses, many Masters Theses and 3 Ph.D. Theses.

Dr. Agathopoulos has written 2 Laboratory Exercises (in Thermal Analysis of Alloys and in Ceramics Processing), and several notes (more than 7) for university students.

Services to the department

His services in the department are the preparation of the webpage of the department, the public relations of the department, such as receiving visitors (e.g. students of schools in the open-day) as well as the responsibility of the Erasmus Project in the department (i.e. exchange of students with universities abroad).

Collaborations

Dr. Agathopoulos maintains several international collaborations. He has also developed new collaborations with laboratories in Greece and the University of Ioannina, mainly the Medical School.