

# *Curriculum Vitae*

## *Personal Details*

**Name:** Kyriakos

**Surname:** Kambakas

**Date of Birth:** 16/09/1980

**Nationality:** Greek

**Address:** (Home) 39-41 Praxitelous (Work) Diomedia  
Xanthi, P.C. 67100 Xanthi, P.C. 67100  
Greece Greece

**Telephone:** +30 25410 62704 (Home), +30 6949728118 (mobile)  
+30 25410 91802 (Work)

**Fax:** +30 25410 (Work)

**Email:** aoxara@hotmail.com

## *Education and Languages*

Bachelor of Engineering (BEng) in Metallurgical Engineering, School of Engineering, University of Surrey, (2<sup>nd</sup> Class with Honors), awarded in June 2002.

Doctor of Philosophy (PhD), School of Engineering, University of Surrey, awarded in September 2006, Development of Particle Reinforced Metal Matrix Composites (PRMMCs)

I speak fluently Greek, French and English

## *Professional skills*

Chartered Engineer (CEng) MIMMM, awarded by the British Engineering Council.

European Engineer (Eur.Eng), awarded by European Federation of National Engineering Associations (FEANI)

(Dipl.Eng) awarded by the Technical Chamber of Greece (TEE – TCG)

Magnetic Particles and Die Penetrants Inspection (Level II), awarded by British Institute of non-Destructive Tests - PCN

Experienced user of the *Thermo-Calc* software with ability on calculations of: Phase diagrams, Thermochemical data (enthalpies, heat capacity, and activities), Solidification simulations with the Scheil-Gulliver model, Pourbaix diagrams

Experienced user of *FORTRAN '97*

Experienced user of *Engineering Professional 2000*

Experienced user of WINDOWS 98, 2000, Millennium, XP Professional with excellent knowledge of the Microsoft Word, Power Point, Excel, Paint shop and Internet facilities

### **Professional Experience**

Production Engineer, GMC Group, GMC S.A., Xanthi, Greece. April 2006 – September 2007

Production Director, GMC Group, GMC S.A., Xanthi, Greece. September 2007 – November 2014

Plant Director, GMC Group, GMC S.A., Xanthi, Greece. November 2014 – Present

Industrial Training Engineer, Institut de Recherche de la Siderurgie (IRSID), USINOR Group, Voie Romaine – BP 30320, 57283 Maizieres – les – Metz, France. June – December 2000

Research field – Project: A Mathematical and Experimental Approach of the Wettability of Hot Liquids on Carbonaceous Materials

Industrial Training Engineer, Alusuisse (Technology Center) CH – 8212, Neuhausen am Rheinfall, Switzerland, January – October 2001

Research field – Project: Measurement and Comparison of Forming Limit Diagrams in Aluminum Sheet Alloys done with Different Techniques

### **Publications and Excellence in Related Scientific Work**

Winner of *The James Hughes Prize* (2002): For the best level 3/4 undergraduate project: “*Surface Hardening of Steels with Carbide Reinforcements*”

K. Kambakas, 2003, Production of Ultra-Hard Surface in Cast Composite Materials (in Greek), Patent Certificate (No. 1004372), International Classification: B22D 19/08, B22D 19/14

K. Kambakas, P. Tsakiroopoulos and G. Shao, 2004, Cast White Cast Iron Matrix Composites (in Greek), in Proceedings of the 2<sup>nd</sup> Hellenic Conference in Metallurgy and Metallic Materials, National Technical University of Athens, ed. D.I. Pantelis, published by NTUA press, pp. 215-220

K. Kambakas and P. Tsakiroopoulos, 2005, Solidification of High Cr White Cast Iron – WC Particle Reinforced Composites, Material Science and Engineering, Vol. 413-414A, pp. 538-544

K. Kambakas and P. Tsakiroopoulos, 2006, Sedimentation Casting of Wear Resistant Metal Matrix Composites, Material Science and Engineering Vol. 435-436A, pp. 187-192

K. Kambakas and P. Tsakiroopoulos, 2006, Wear performance of white cast iron – WC particle reinforced composites, *Wear*

K. Kambakas and P. Tsakiroopoulos, 2006, Study of the microstructure of as-cast and heat treated high-Cr white cast iron – WC particle reinforced composites, *Alloys and Compounds*

K. Kambakas, 2011, Development of white cast iron composites: Sedimentation Sand Casting, VDM Verlag, Saarbrücken, Germany

## **Conferences**

2<sup>nd</sup> Hellenic Conference in Metallurgy and Metallic Materials, National Technical University of Athens, Athens, Greece, 2004, attending oral and poster communication

International Conference on Advances in Solidification Processes (ICASP), Stockholm, Sweden, 2005, attending oral and poster communication

## **Leisure Activities – Sports**

Tae Kwon Do (WTF) 4<sup>th</sup> Dan, ID No.05140324, awarded by Kukkiwon, World TKD Federation Headquarters, Seoul, Korea

Tae Kwon Do Instructor, Class B, Cert. no. 2099, awarded by European Tae Kwon Do Union (ETU) and Hellenic TKD Federation.

Former Chief Instructor of the Surrey University TKD Club (2002 – 2006),

Current co. Instructor at Orestis-Vasilis Tae Kwon Do Club Xanthi, under prof. Adreas Xristidis

## **Championships and achievements:**

### **Tae Kwon Do:**

National Greek Championships: 1994 – Larissa, Gold medal (Young adults class)

1995 – Athens, Gold medal (Young adults class)

National British Championships: 1999 – Bournemouth, Silver medal (feather: 65 - 75 kg)

2002 – Bristol, Silver medal (feather: 65kg)

International Championships: 2000 – London, Gold medal (feather: 62 – 72kg)