

ASSOC.PROF.DR. CENGİZ KAYA

1. QUALIFICATIONS

Date	Degree (*)	University	Area of Study
1984-1988	B.S.	Istanbul Technical University	Materials
1988-1992	M.S.	Istanbul Technical University	Metallurgical Engineering
1995-2000	Ph.D.	The University of Birmingham(UK)	Metallurgical Engineering, Ceramic Composites

2. ACADEMIC EXPERIENCE

Period of Employment	Title	Department	University
2004-2006	Asst. Prof.Dr.	Metallurgical and Materials Eng.	YTU
2006-	Assoc. Prof.Dr	Metallurgical and Materials Eng.	YTU

3. WORK EXPERIENCE

Period of Employment	Employment Description	Organization
1999-2003	Research Fellow	The University of Birmingham(UK)
2003-2004	Research lecturer	Brunel University(UK)

4. CONSULTANCY EXPERIENCE

Period of Employment	Consultancy Description	Organization
1993-1995	Engine ceramics	TÜBİTAK MAM, MATERIALS

5. PROFESSIONAL MEMBERSHIPS

Period of Membership	Membership Description	Organization
1988-	Member	Chamber of Metallurgical Eng.
1992-	Member	Turkish Ceramic Society
2003-2004	Member of The Counsel	London Materials Society
1999	Member	European Ceramic Society
2005-2006	Science Editor	Journal of Turkish Ceramic Society

6. AWARDS and PATENTS

Name of Award/Patent	Organization	Date
PhD scholarship	YÖK	1995
Cover photo	Ceramics International,	vol.25, No: 4, 1999.
Cover photo	Journal of Materials Science	vol.38, No: 4, 2003.
Cover photo	Journal of Materials Science	vol.39, No: 4, 2004

7. PUBLICATIONS

ACADEMIC JOURNAL PAPERS (SCI)

Kaya, C., Kaya, F., Su, B., Thomas, B., Boccaccini, A.R. Structural and functional thick ceramic coatings by electrophoretic deposition (2005) Surface and Coatings Technology, 191 (2-3), pp. 303-310. Cited 2 times.

Kaya, C., Blackburn, S. Extrusion of alumina ceramic tubes with controlled bends (2005) Journal of Materials Science, 40 (8), pp. 2007-2011.

Boccaccini, A.R., Atiq, S., Boccaccini, D.N., Dlouhy, I., Kaya, C. Fracture behaviour of mullite fibre reinforced-mullite matrix composites under quasi-static and ballistic impact loading (2005) Composites Science and Technology, 65 (2), pp. 325-333. Cited 1 time.

Kaya, C., Blackburn, S. Extrusion of ceramic tubes with complex structures of non-uniform curvatures made from nano-powders (2004) Journal of the European Ceramic Society, 24 (14), pp. 3663-3670. Cited 2 times.

Boccaccini, A.R., Karapappas, P., Marijuan, J.M., Kaya, C., TiO₂ coatings on silicon carbide and carbon fibre substrates by electrophoretic deposition (2004) Journal of Materials Science, 39 (3), pp. 851-859. Cited 8 times.

Poulon-Quintin, A., Berger, M.H., Bunsell, A.R., Kaya, C., Butler, E.G., Wootton, A., Lewis, M.H. Processing and structures of bi-phase oxide ceramic filaments (2004) Journal of the European Ceramic Society, 24 (1), pp. 101-110.

Kaya, C. Al₂O₃-Y-TZP/Al₂O₃ functionally graded composites of tubular shape from nano-sols using double-step electrophoretic deposition (2003) Journal of the European Ceramic Society, 23 (10), pp. 1655-1660.

Kaya, C., Kaya, F., Atiq, S., Boccaccini, A.R. Electrophoretic deposition of ceramic coatings on ceramic composite substrates (2003) British Ceramic Transactions, 102 (3), pp. 99-102. Cited 2 times.

Kaya, C., Butler, E.G., Lewis, M.H. Co-extrusion of Al₂O₃/ZrO₂ bi-phase high temperature ceramics with fine scale aligned microstructures (2003) Journal of the European Ceramic Society, 23 (6), pp. 935-942. Cited 10 times.

Kaya, C., Butler, E.G. Near net-shape manufacturing of alumina/zirconia high temperature ceramics with fine scale aligned multiphase microstructures using co-extrusion (2003) Journal of Materials Processing Technology, 135 (2-3 SPEC), pp. 137-143.

8. INSTITUTIONAL and PROFESSIONAL DUTIES

International Conference on Research and development in Net Shape Manufacturing, 9-11 Nisan 2001, Birmingham, İngiltere.

1st International Conference on Electrophoretic Deposition, 18-22 Augustos 2002, Banf, Kanada.

2st International Conference on Electrophoretic Deposition: Fundamentals and Applications, 29 Mayıs-2 Haziran 2005, Barga, Italy.

Ongoing projects

TÜBİTAK research project, Coating of metallic implants by nano-size bioactive ceramics using EPD, YTÜ, 2006-2009.

Biomedical Ceramics, YTU (DPT funded), 2005-2008.

9. PROFESSIONAL ACTIVITIES

*Project management, TÜBİTAK, 2006.

*Project and teaching management, Birmingham University, certificate

*Learning and teaching in higher education, Birmingham University, certificate