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CURRICULUM, EDUCATION

- 1979 - current Institute of Materials Research, SAS, Košice (since 1991 working in department of Nano Structured Materials)
- 1974 -1979 MSc. study, Technical University in Košice, Faculty of Metallurgy, Department of Metals Forming
- 1970 – 1974 grammar-school Košice

LINGUISTIC SKILLS

- German, English, Russian

SCIENTIFIC ACTIVITIES

- preparation of nanocrystalline dispersion strengthened powders on Cu and Al base by mechano-chemical methods
- determination of structure and characterization of structural transformations by means of X-ray powder diffraction and electron microscopy
- study of thermal stability of nanocrystalline grain

TEACHING ACTIVITIES

PROJECTS (COORDINATOR, PARTICIPANT)

- 2001 – 2004 participant, 5.FP of EU G5RD–CT 2000 - 00341, "High efficiency forming technology of light weight MMC components for automotive and household application"
- 1997 – 1999 participant, 4.FP of EU INCO–Copernicus CT– 96 0750, "Formability modelling of aluminium base PM alloys"
- 1992 – current co–author of domestic research grant projects (VEGA) in the field of study of nanocrystalline powder materials with metal matrix

NUMBER OF PUBLICATIONS: 71

NUMBER OF CITATIONS: 29

SELECTED PUBLICATIONS

BESTERCI, M. - ĎURIŠIN, J. - SÜLLEIOVÁ, K. - OROLÍNOVÁ, M. - ĎURIŠINOVÁ, K.: Microstructure Analysis of Carbonization Kinetics of Al-C System. High Temperature Materials and Processes, 26, 2007, 2, 161-165.

ĎURIŠIN, J. - ĎURIŠINOVÁ, K. - OROLÍNOVÁ, M. - BESTERCI, M.: Microstructure Stability of Al-Al₄C₃ Materials at Elevated Temperatures. High Temperature Materials and Processes, 25, 2006, 3, 149-155.

SAKSL, K. - ĎURIŠIN, J. - OROLÍNOVÁ, M. - ĎURIŠINOVÁ, K. - LAZAR, P.: Structural Study on Al-26 mass% Si-8 mass% Ni Powder. Journal of Materials Science, 40, 2005, 1975-1978.

ĎURIŠIN, J. - OROLÍNOVÁ, M. - ĎURIŠINOVÁ, K.: Prášková metalurgie hliníku. In: Encyklopedie hliníku. Ed. Š.Michna a kol., Děčín Alcan, s.r.o. 2005, 568-595.

ĎURIŠIN, J. - ĎURIŠINOVÁ, K. - OROLÍNOVÁ, M. - SAKSL, K.: Preparation and Microstructure Evolution of Nanocomposite Powder Copper. In: International Journal of Materials and Product Technology, 23, 2005, 1/2a, 42-68.

ĎURIŠIN, J. - ĎURIŠINOVÁ, K. - OROLÍNOVÁ, M. - SAKSL, K.: Effect of the MgO Particles on the Nanocrystalline Copper Grain Stability. Materials Letters, 58, 2004, 3796-3801.

ĎURIŠIN, J. - ĎURIŠINOVÁ, K. - OROLÍNOVÁ, M. - KATANA, V.: Vývoj nanokryštalickéj štruktúry v kompozitných materiáloch Cu-CuAl₂O₄ a Cu-MgO. Kovové materiály, 41, 2003, 1, 63-72.

ĎURIŠINOVÁ, K. - ĎURIŠIN, J. - OROLÍNOVÁ, M.: Vplyv podmienok prípravy na charakteristiky ultrajemnej práškovej medi. Kovové materiály, 39, 2001, 1, 11-19.

OROLÍNOVÁ, M. - ĎURIŠIN, J. - MEDVECKÝ, Ľ. - ĎURIŠINOVÁ, K.: Preparation of Nanocrystalline Cu-Al₂O₃ Powder System. Journal of Materials Science Letters, 20, 2001, 119-122.

ĎURIŠIN, J. - OROLÍNOVÁ, M. - ĎURIŠINOVÁ, K. - KATANA, V.: Mechanochemical Method of Nanocrystalline Powder Copper Preparation. Journal of Materials Science Letters, 13, 1994, 688-689.

OROLÍNOVÁ, M. - ĎURIŠINOVÁ, K. - ĎURIŠIN, J. - KAVEČANSKÝ, V. - KATANA, V.: Influence of Preparation Conditions on Structural Properties of Nanocrystalline Powdered Cu. In: Advances in PM and Particulate Materials. 1992 Powder Metallurgy World Congress. Vol.8. San Francisco, 21.-26.6.1992. Princeton, MPIF 1992, 23-32.