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CURRICULUM, EDUCATION

- 1977 – current Institute of Materials Research, SAS
- 1975 -1977 Vagónka Poprad
- 1973 -1974 ZVS Mariánské Lázně
- 1972 -1975 Turčianske strojárne Martin
- 1967-1972 MSc. study, University of Technology in Brno, Faculty of Mechanical Engineering, Department of Foundry Engineering
- 1964-1967 Grammar-school Trebišov

LINGUISTIC SKILLS

- English, Russian

SCIENTIFIC ACTIVITIES

- determination of structure and characterization of phase transformations by means of X-ray powder diffraction and electron microscopy
- preparation of amorphous and nanocrystalline materials by mechanical alloying
- study of thermal stability of nanocrystalline grain

TEACHING ACTIVITIES

- 2002 – 2007 supervisor of doctoral study of Ing. Peter Lazar
- 1997 – 2000 supervisor of doctoral study of Ing. Karel Saksal, PhD.

PROJECTS (COORDINATOR, PARTICIPANT)

- 2001- 2004 project coordinator, 5th FP EU G5RD–CT 2000 - 00341, "High efficiency forming technology of light weight MMC components for automotive and household application"
- 1997 – 1999 project coordinator , 4th FP EU INCO–Copernicus CT– 96 0750, "Formability modelling of aluminium base PM alloys"
- 1992 - present project coordinator of Slovak Grant Agency projects in the range nanocrystalline materials

STAYS ABROAD

MEMBERSHIPS, AWARDS

- Member of International Net - Aluminium in Transport „TransAL“
- Member of Croatia Metallurgical Society, Croatia
- Member of Editorial Board of Powder Metallurgy Progress, SR
- Member of Editorial Board of Acta Metallurgica Slovaca, SR
- Member of No:5 SGA Board, SR
- Member of Metal Science Society, SR

NUMBER OF PUBLICATIONS: 171

NUMBER OF CITATIONS: 78

NUMBER OF PATENTS: 3

SELECTED PUBLICATIONS

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

MUZYČEKOVÁ, I. - KELLNEROVÁ, V. - KONERACKÁ, M. - KOPČANSKÝ, P. - ANTALÍK, M. -

ĎURIŠIN, J.: Encapsulation of Magnetite in Vesicles. Czechoslovak Journal of Physics, 45, 1995, 9, s.727-734

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

SAKSL, K. - MEDVECKÝ, Ľ. - **ĎURIŠIN, J.:** Preparation of Nanocrystalline Cu-xMgO Mixture. Journal of Materials Science, 36, 2001, s.3675-3678

FADEEVA, I. - BARINOV, S.M. - KOMLEV, V. - FEDOTOV, D. - **ĎURIŠIN, J.** - MEDVECKÝ, Ľ.: Apatite Formation in the Reaction-Setting Mixture of Ca(OH)₂-KH₂PO₄ System. Journal of Biomedical Materials Research A, 70, 2004, s.303-308

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

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, s.1975-1978

MEDVECKÝ, Ľ. - ŠTULAJTEROVÁ, R. - PARILÁK, Ľ. - TRPČEVSKÁ, J. - **ĎURIŠIN, J.** - BARINOV, S.M.: Influence of Manganese on Stability and Particle Growth of Hydroxyapatite in Simulated Body Fluid. Colloids and Surfaces A, 281, 2006, s.221-229

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, s.149-155

BARINOV, S.M. - RAU, J. - NUNZIANTE CESARO, S. - **ĎURIŠIN, J.** - FADEEVA, I. - FERRO, D. - MEDVECKÝ, Ľ. - TRIONFETTI, G.: Carbonate Release from Carbonated Hydroxyapatite in the Wide Temperature Range. Journal of Materials Science: Materials in Medicine, 17, 2006, s.597-604

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