



Name: Frunza Dan Ioan

Address: Calea Baciului str, 54, Cluj-Napoca

E-mail: Dan.Frunza@ipm.utcluj.ro, frunzadan@yahoo.co.uk

Profession: Mechanical Engineer

Position: Associate professor

Studies: Technical University of Cluj-Napoca, Faculty Mechanics, Speciality:
Technological Equipment, 1987

PhD Thesis: Researches regarding deformation by rotary forming, 1999

Teaching activity:

- Computer aided Design
- Computer graphics
- Materials processing automation

Fields of competence:

- Computer aided design for industrial equipments and plastic deformation processes.
- Hydraulic and pneumatic equipment.
- Data acquisition.

Specializations:

- University of Nottingham 1993, 1997
- Universidad Carlos III, Madrid, 1999

Scientific activity: 42 papers in the field of powder metallurgy, plastic deformation of metals

1. D.Săbăduş, D. Frunză, T.Canta – High-Density Compaction of Powders by Using Rotary Forging Technology- Matehn '02, 12-14 Sept.2002, Vol.1, pag. 381-387.
2. 5 D.Săbăduş, D.Frunză, D.Noveanu, T.Canta – Simulation and Modeling for Complex Extrusion of New Spark Plugs Body Parts, Matehn '02, 12-14 Sept.2002, Vol.1, pag. 375-381.
3. T. Canta and D. Frunza, Friction-assisted pressing of PM components, Volumes 143-144, 20 December 2003, Journal of Materials Processing Technology, ISSN 0924-0136, Pages 645-650.
4. T.Canta, D.Săbăduş, D.Frunză, V.Iancu – Friction Assisted Technique for PM Extrusion – Proceedings of the 2002 World Congress on Powder Metallurgy & Particulate Materials, June 16-21, Orlando, S.U.A., pag.4-67 –75.
5. T.Canta,D.Noveanu,D.Frunza, Modeling and simulation of combined extrusion for spark plug body parts, In: NUMIFORM 2004, Materials Processing and Design:Modeling ,Simulation and Applications, Edited by American Institute of Physics, Proc.712, pg.481-485, Columbus, Ohio,2004.ISBN 0-7354-0189-6.