

PROJECTS (2000 - 2008):

1. **Investigation of characteristics of rubber-metal springs for rolling stock**, financed by TIGAR Pirot, Project manager dr Dusan Stamenkovic, 2001-2003.
2. **Organization model of urban-suburban traffic in area of cities Novi Sad, Kikinda, Zrenjanin, Subotica, Ruma, Vrsac, Sid, Sombor, Senta**, Project manager Prof. Dragomir Mandic, Faculty of transport and traffic engineering, University of Belgrade, 2003.
3. **Development of a modern shunting locomotive**, financed by Ministry of Science, Technology and Development of Republic of Serbia, Project manager Prof. Dragomir Mandic, Faculty of transport and traffic engineering, University of Belgrade, 2002-2004.
4. **RAILWAY REHABILITATION AND RECONSTRUCTION PROGRAMME Assistance to the SERBIAN RAILWAY** EU-funded Project managed by the European Agency for Reconstruction (Senior Engineer Rolling Stock), Programme Implementation Unit of Lahmeyer International - Germany and TCA -Austria, 2003-2005.
5. **Reconstruction of ZTP Belgrade - Institutional Study** financed by European Union, Project implemented by Booz-Allen-Hamilton, (Senior Engineer Rolling Stock), 2004-2005.
6. **Development of rubber-metal springs for railway vehicle**, financed by Ministry of Science, Technology and Development of Republic of Serbia, project manager dr Dusan Stamenkovic, Faculty of Mechanical Engineering, University of Nis, 2005-2006.

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2. *B. Ivkovic, M. Durdanovic, D. Stamenkovic*, **The Influence of the Contact Surface Roughness on the Static Friction Coefficient**, The First Mediterranean Tribology Conference, str. 17, Jerusalem, 2000.
3. *D.Stamenkovic*, **Tribological characteristics of mechatronic elements**, Workshop MECHATRONISCHE SYSTEME, Nis 2001
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7. *D.Stamenkovic, S.Jovanovic, M.Milosevic*, **Strength of Press Fit Joints Considering Tribological Parameters**, 47. Internationales Wissenschaftliches Kolloquium, Tagungsband, TU Ilmenau, 2002, 65-66.
8. *D.Stamenkovic, M.Milosevic*, **Experimental investigation of Static Friction**, International Conference "POWER TRANSMISSIONS '03" Section III "Experimental Investigations and Applications", Varna Bulgaria, 2003, 67-69.
9. *D. Stamenkovic*, **Mechatronic Aspect of Modernization of Rolling Stocks in Serbian Railways**, CD

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10. *D.Stamenkovic, D.Mandic, Monitoring Methods in Railway Vehicles Maintenance*, 16th International Conference "CURRENT PROBLEMS IN RAIL VEHICLES - PRORAIL 2003" Zilina, Slovakia 2003.
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12. *M.Milovančević, D. Stamenković, Testing rail vehicle dynamic characteristics using Software package Vampire*, The 2nd International Conference "POWER TRANSMISSIONS '06'", Novi Sad 2006.
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