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[14] Zezelj, S., D. Lj. Debeljkovic, *et al.* "**The Development of New Generation Domestic Bus Production**", Faculty of Transport and Traffic Engineering, University of Belgrade, period 2005 – 2008., *Project of Technological Development* - No. **TR. 6402**.

[15] D. Lj. Debeljkovic *et. al.* "**Technology and Equipment for Mobile Briquette of Cane in Briquette of Constant Density**", Faculty of Mechanical Engineering, Belgrade, University of Belgrade, University of Belgrade, period 2006 – 2008., *Project of Energetic Efficiency* – No. **EE 263 3001A**.

[16] Stevanovic (Hedrih) K., D. Lj. Debeljkovic *et. al.* "**Problems of Theoretical and Technical Mechanics of Rigid and Solid Body; Mechanics of Materials**", Institute of Mathematics, Belgrade, University of Belgrade, period 2006 – 2010, *Project of Basic (Scientific) Research* – No. **ON 144 002**.

[17] Zezelj, S., D. Lj. Debeljkovic, *et al.* “**The Development of Hybrid Drive Buses**”, Faculty of Transport and Traffic Engineering, University of Belgrade, period 2008 – 2010., *Project of Technological Development* - No. **TR. 15 024**.

2011 - 2015

[18] Stevanovic (Hedrih) K., D. Lj. Debeljkovic *et. al.* “**Dynamics of hybrid systems with complex structure. Mechanics of materials**”, Institute of Mathematics, Belgrade, University of Belgrade, period 2011 – 2015, *Project of Basic (Scientific) Research* – No. **OI 174 001**.

6. INTERNATIONAL COOPERATION and INVITED LECTURES

- 1980 **Scholarship** – University of Salford, Salford, UK, (Prof. Brian Porter)
- 1983 **Scholarship** – University of Sheffield, Sheffield, UK, (Prof. H. Nicholson).
- 1985 **Academic link** - University of Strathclyde, Glasgow, UK. (Prof. David H. Owens), University of Belgrade, YU (Assoc. Prof. Dragutin Debeljkovic)
Project title – Theory and application of control engineering.
- 1986 **Scholarship** – University of Strathclyde, Glasgow, UK, (Prof. David H. Owens).
- 1987 **Scholarship** – University of South California, USA, (Prof. M. Safonov) Rutgers University, New Jersey, USA, (Assist. Prof. Z. Gajic)
- 1987 **Expert of UN (Unido and Tars)** in the area of Control Engineering.
- 1988 **Scholarship** – University of Strathclyde, Glasgow, UK, (Prof. David H. Owens).
- 1989 **Scholarship** – City University, London, UK, (Prof. P. Roberts), Imperial College of Science and Technology, London, UK, (Prof. J. Westcott).
- 1991 **FULBRIGHT Scholarship** – Rutgers University, New Jersey, USA. (Prof. Z. Gajic).
Project title – Study of singular and singularly perturbed systems.
- 1992 **Academic link**
- 1995 University of Exeter, Davon, UK. (Prof. David H. Owens)
University of Belgrade, YU. (Prof. Dragutin Debeljkovic)
Project title – Further study of singular
and generalized state space systems.
- 1999 **DAAD Scholarship** - Wuppertal University Wuppertal University, Germany (Prof. P. C. Muller)

Project title - Stability and quantitative theory
of singular physical systems with application

- 2001 **Academic link** - City University of Hong Kong City University of Hong Kong, Hong Kong (Prof. Djordjevich).

Project title - Modal sensor of deflection curvature

- 2003 **DAAD Scholarship** – Technical University Dresden Germany
(Prof. S. Helduser)

Project title - Stability and quantitative theory
of time delay systems with application

- 2008 **DAAD Scholarship** – RTWH University of Aachen Germany
(Prof. H. Murrenhoff)

Project title - Qualitative and Quantitative Theory and Applications
of Singular Time Delayed State Space Systems

2009 DAAD Scholarship Ruhr University of Bochum

2012 DAAD Scholarship Ruhr University of Bochum

Selected Invited Lectures

- 1988 **Mathematical modeling of agricultural
Industrial processes,**
Invited Lecture, University of Strathclyde, Glasgow, UK.
- 1989 **Analysis, synthesis and identification
distributed parameter system using
parameter plane methods,**
Invited Lecture, University of Strathclyde,
Glasgow, UK.
- 1991 **On the non-Lyapunov stability of the
generalized state space systems,**
Invited Lecture, IEEE Princeton seminar,
Section Circuits and Systems,
Rutgers University, New Jersey, USA.
- 1992 **Some fundamental questions of stability
characteristics of regular and irregular
generalized state space systems,**
Invited Discussion, University of Exeter,
Davon, UK.

- 1995 **Some different approaches to the non-Lyapunov stability of singular systems**
Invited Lecture, City University of Hong Kong, Hong Kong.
- 2001 **Lyapunov and Non-Lyapunov stability of linear singular systems**
Invited Lecture, University of Hong Kong, Hong Kong
Dynamical behavior of time delay systems defined over finite time interval
Invited Lecture, University of Hong Kong, Hong Kong
- 2003 **Stability of Generalized State Space Systems over finite and infinite time interval**
Invited Lecture, Technical University of Dresden, Germany.
- 2004 **A Short Note to the Lyapunov Stability of $\mathbf{x}(k+1) = A_0\mathbf{x}(k) + A_1\mathbf{x}(k-1)$: New Results**,
Invited Lecture, Northeastern University of Shenyang, China

7. PARTICIPATION International and National CONFERENCES

1. **XX Jugoslovenska konferencija ETAN**, Opatija, (YU), Maj 1976.
2. **Naučno-stručni skup Energetsko mašinstvo**, Mašinski fakultet, Beograd, (YU), Decembar 1977.
3. **XXIII skup JUREMA**, Zagreb, (YU), April 1978.
4. **V Simpozijum termičara**, Sarajevo, (YU), Maj 1978.
5. **XXIV skup JUREMA**, Zagreb, (YU), April 1979.
6. **Naučno-stručni skup Mašinstvo u procesnoj tehnici**, Mašinski fakultet, Beograd, (YU), Decembar 1979.
7. **XXVIII skup JUREMA**, Zagreb, (YU), April 1983.
8. **Mediterranean Electrotechnical Conference (MELECON)**, Athens, (Greece), May 1983.
9. **XXIX skup JUREMA**, Zagreb, (YU), April 1984.

10. **Mediterranean Electrotechnical Conference (MELECON)**, Madrid, (Spain), October 1985.
11. **XXXI skup JUREMA**, Zagreb,(YU), April 1986.
12. **HIPNEF 86**, Beograd, (YU), October 1986.
13. **IMACS / IFAC International Symposium on Modelling and Simulation of Distributed Parameter Systems** , Hiroshima (Japan), October 1987.
14. **V IFAC Symposium on Control of Distributed Parameter System**, Perpignan, (France), June 1989.
15. **IV Konferencija: Sistemi, Automatsko Upravljanje i Merenje**, Mašinski fakultet Kragujevac, Kragujevac, (YU), Juni 1992.
16. **IX Simpozijum termičara**, Beograd,(YU), Juni 1993.
17. **HIPNEF 93**, Beograd, (YU), October 1993.
18. **AMSE Conference**, Lyon, (France), July 1994.
19. **European Control Conference (ECC)**, Roma (Italy), September 1995.
20. **CHISA 96**, Prague (Czech Republic), August 1996.
21. **Asian Control Conference (ASCC 97)**, Seoul (Korea), July 1997.
22. **Mediterranean Electrotechnical Conference (MELECON 98)**, Tel Aviv (Israel), May 1998.
23. **HIPNEF**, Beograd, (YU), October 1998.
24. **IFAC Workshop on Time Delay Systems**, Grenoble (France), July, 1998.
25. **HIPNEF**, Beograd, (YU), October 2000.
26. **KGH**, Beograd, (YU), December 2000.
27. **KGH**, Beograd, (YU), December 2001.
28. **ICCTA (International Conference on Control and Applications)**, Pretoria (South Africa), December 2001.
29. **ACC 03 (American Control Conference)**,

- Denver, Colorado (USA), June 2003.
30. **ACCS 05**, Cairo (Egypt), March 06 – 10, 2005.
 31. **ACC 05**, Portland (Oregon) June, 8 – 10, (USA) 2005.
 32. **IEEE International Conference on Control Applications**, October, 4 – 6, Munich (Germany), 2006.
 33. **ACC 07** (American Control Conference), July 11-13, 2007, New York, USA, 2007
 34. **ICIEA 2009**, 25 – 27 May 2009, Xian (China), (2009)
 35. **IFK 2010**, International Fluid Power Conference 24 – 26 March, 2010, Aachen (Germany), (2010)
 36. **CCDC 2012**, Chinese Control and Decision Conference 25 – 27 May, 2012, Taiyuan (China), (2012)
 37. **INES 2012**, Conference on Intelligent Systems 13 – 15 June, 2012, Lisboa (Portugal), (2012)
 38. **WCICA 2012**, World Conference on Intelligent Control and Automation 06 – 09 July, 2012, Beijing (China), (2012).
 39. **SISY 2012**, 21 – 23 September, 2012, Subotica (Serbia), (2012).
 40. **AADECA 2012**, 03 – 05 October, 2012, Buenos Aires (Argentina), (2012).

Regional Editor - International Journal of Information and System Science (Canada), from 2004.