

CV in English: Dejan Cvetinovic, research associate

Basic data

First name, Last name: Dejan Cvetinovic
Title, position: M.Sc. Mechanical engineer, researcher
Office Address: VINCA Institute of Nuclear Sciences
(ex-name "Boris Kidric"),
Laboratory for thermal engineering and energy research,
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Personal data

Date, place of birth: 08.12.1967., Zajecar, Serbia and Montenegro
Marriage status: married, two children.

Education

Graduate studies: Mechanical faculty, Belgrade University,
Aircraft design group
Postgraduate studies: Mechanical faculty, Belgrade University,
Aircraft design group,
Master work:
"Experimental investigation of axisymmetric turbulent jet modified by self-sustained acoustic oscillation"

Research experience and main interest

Position No.1: Grant-in-Aids of Scientific Research
Period: 1993 - 1994
Institution: Belgrade University, VINCA Institute of Nuclear Sciences, Laboratory for thermal engineering and energy research. Grant-in-aids of scientific research for the young postgraduate fellows of the Ministry of Science and Education, Federal Republic Serbia and Montenegro.
Position No.2: researcher
Period: 1994 - today
Institution: Laboratory for Thermal Engineering and Energy Research,
VINCA Institute of Nuclear Sciences
Position No.3: Grant-in-Aids of Scientific Research
Period: 1998 - 2000
Institution: Kyoto University, Mechanical engineering department, Heat transfer laboratory. Supported by the Ministry of Education, Science and Culture, Japan.

Main Fields of Scientific Interest:

- Plasma technology for ultra fine ceramic powders synthesis
- Plasma technologies application in thermal power plants
- Pulverized fuel power plants optimization and efficiency enhancement
- Complex data acquisition systems for thermal power plant monitoring
- Flow characteristics measurements (HWA, LDA, PIV)
- Fluid dynamics
- Heat transfer
- Computational Fluid Dynamics

International Cooperation

International Course for Graduate Research Students in the field of Mechanical Engineering at the Graduate School of Engineering, Kyoto University from October 1, 1998 to March 9, 2000.
EURO Summer School on Sustainability Assessment of Natural Gas Technologies held in November 19-23, 2001 in Lisbon, Portugal. Sponsored by European Commission – Research DG Human Potential Programme
Institute of Chemical Process Fundamentals, ICPF in Prague, participating on the European Community FP5 programme BEMUSAC project (call QoL./Growth/EESD-2001-INTEGR as BEMUSAC-NAS2 Ref. G1MA-CT-2002-04019): "Effect of External Excitations on the Flow Structures in an Impinging Jet" from 21.09.2003. to 19.12.2003.

Scientific Projects

Project: RFTR S-4.0350 "Modern ceramic materials for constructive materials and electrical devices", participant, 1990-1995
Institution: Laboratory for Thermal engineering and energy research,

VINCA Institute of Nuclear Sciences
Project: MNT S-3.05.33.211 "Compact constructional and composite ceramics based on oxides and non-oxides", participant, 1994-1996
Institution: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Project: 02E26 "Investigation of synthesis process, modelling and properties of new materials for special purposes", participant, 1997-2000
Institution: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Project: C 3.15.36.0133 "Development of production technologies of high quality composite and carbide materials and oxide and non-oxide ceramics", participant, 1997-2000
Institution: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Project: "Experimental Study of Jet Impingement Heat Transfer Modified by Self-Excited Acoustic Oscillations", participant, 1998-2000
Institution: Kyoto University, Mechanical engineering department, Heat transfer laboratory. Supported by the Ministry of Education, Science and Culture, Japan.
European Community FP5 programme BEMUSAC project, (call QoL./Growth/EESD-2001-INTEGR as BEMUSAC-NAS2 Ref. G1MA-CT-2002-04019): "Effect of External Excitations on the Flow Structures in an Impinging Jet"
Institution: Institute of Chemical Process Fundamentals, ICPF in Prague, from 21.09.2003. to 19.12.2003.
European Union FP6 programme: Contract No. PL 503184: "Demonstration of direct Solid Recovered Fuel (SRF) co-combustion in pulverised fuel power plants and implementation of a sustainable waste-to-energy technology in large-scale energy production – RECOFUEL", 2003-2006.
Participating Institutions:
Germany (RWE, Univerzitet Stuttgart, INFA), Netherlands (Essent, KEMA, TAUW), Greece (PPC, Technical University Athens), Finland (University of Helsinki), Italy (CESI) i Serbia (VINCA – Laboratory for Thermal Engineering and Energy).

Awards

1997 – Institute of Nuclear Sciences "VINCA" year-award for results in Investigations of plasma-chemical synthesis of ultra fine ceramic Si_3N_4 and SiC powders
(Group of researchers: P. Pavlovic, P. Stefanovic, Z. Kostic, S. Sikmanovic, D. Cvetinovic)

CV in Serbian: Dejan Cvetinović, istraživač saradnik

Osnovni podaci

Ime, Prezime: Dejan Cvetinovic
Titula, zanimanje: Magistar mašinstva, istraživač-saradnik
Adresa: Institute VINCA,
Laboratorija za termotehniku i energetiku,
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Lični podaci

Datum i mesto rođenja: 08.12.1967., Zaječar, Srbija i Crna Gora
Bračno stanje: oženjen, dvoje dece.

Obrazovanje

Diplomske studije: Mašinski fakultet, Univerzitet u Beogradu,
Vazduhoplovstvo
Poslediplomske studije: Mašinski fakultet, Univerzitet u Beogradu,
Vazduhoplovstvo
Magistarski rad:
“Ekspirementalno istraživanje osnosimetričnog turbulentnog mlaza modifikovanog samopobudnim zvučnim oscilacijama”

Research experience and main interest

Posao br.1: Stipendista Ministarstva za nauku i tehnologiju Republike Srbije za mlade talente
Period: 1993 - 1994
Institucija: Beogradski Univerzitet, Nuklearni Institut “Vinča”,
Laboratorija za termotehniku i energetiku.

Posao br.2: istraživač saradnik
Period: 1994 - danas
Institucija: Beogradski Univerzitet, Nuklearni Institut “Vinča”, Laboratorija za termotehniku i energetiku.
Posao br.3: Grant-in-Aids of Scientific Research
Period: 1998 - 2000
Institucija: Kyoto University, Mechanical engineering department, Heat transfer laboratory.
Supported by the Ministry of Education, Science and Culture, Japan.

Oblasti aktivnosti:

- Plazma tehnologije za sintezu ultrafinih keramičkih prahova i plazma tehnologije za upotrebu na termoenergetskim postrojenjima
- Optimizacija i povećanje efikasnosti termoenergetskih postrojenja na spraseni ugallj
- Komleksni sistemi za akviziciju i monitoring na termoenergetskim postrojenjima
- Merenja brzinskog polja (HWA, LDA, PIV)
- Mehanika fluida
- Prenos toplote
- Numerička mehanika fluida

Internacionalna saradnja

International Course for Graduate Research Students in the field of Mechanical Engineering at the Graduate School of Engineering, Kyoto University from October 1, 1998 to March 9, 2000.
EURO Summer School on Sustainability Assessment of Natural Gas Technologies held in November 19-23, 2001 in Lisbon, Portugal. Sponsored by European Commission – Research DG Human Potential Programme
Institute of Chemical Process Fundamentals, ICPF in Prague, participating on the European Community FP5 programme BEMUSAC project (call QoL./Growth/EESD-2001-INTEGR as BEMUSAC-NAS2 Ref. G1MA-CT-2002-04019): “Effect of External Excitations on the Flow Structures in an Impinging Jet” from 21.09.2003. to 19.12.2003.

Naučni Projekti

Projekat: RFTR S-4.0350 "Modern ceramic materials for constructive materials and electrical devices", participant, 1990-1995

Institucija: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Projekat: MNT S-3.05.33.211 "Compact constructional and composite ceramics based on oxides and non-oxides", participant, 1994-1996
Institucija: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Projekat: 02E26 "Investigation of synthesis process, modelling and properties of new materials for special purposes", participant, 1997-2000
Institucija: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Projekat: C 3.15.36.0133 "Development of production technologies of high quality composite and carbide materials and oxide and non-oxide ceramics", participant, 1997-2000
Institucija: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Projekat: OI "Istraživanje visokotemperaturnih, turbulentnih, višefaznih, višekomponentnih tokova", 2001-2004
Institucija: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Projekat: TR 147, "Razvoj plazmatehnologije za stabilizaciju sagorevanja na kotlovima TE loženih sprasenim ugljem niske toplotne vrednosti", 2001-2007
Institucija: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Projekat: EE87, „Razvoj i primena dijagnostičkih metoda za praćenje efikasnosti rada kotlovskih postrojenja termoelektrana”
Institucija: Laboratory for Thermal engineering and energy research,
VINCA Institute of Nuclear Sciences
Projekat: Br. ugovora sa EU: PL 503184: "Demonstration of direct Solid Recovered Fuel (SRF) co-combustion in pulverised fuel power plants and implementation of a sustainable waste-to-energy technology in large-scale energy production – RECOFUEL", 2003-2006.
Zemlje i institucije ucesnici:
Nemacka (RWE, Univerzitet Stuttgart, INFA), Holandija (Essent, KEMA, TAUW), Grcka (PPC, Tehnicki univerzitet Atina), Finska (Univerzitet Helsinki), Italija (CESI) i Srbija (VINCA – Laboratorija za termotehniku i energetiku).
Projekat: "Experimental Study of Jet Impingement Heat Transfer Modified by Self-Excited Acoustic Oscillations", participant, 1998-2000
Institucija: Kyoto University, Mechanical engineering department, Heat transfer laboratory. Supported by the Ministry of Education, Science and Culture, Japan.
Projekat: European Community FP5 programme BEMUSAC project, (call QoL./Growth/EESD-2001-INTEGR as BEMUSAC-NAS2 Ref. G1MA-CT-2002-04019): "Effect of External Excitations on the Flow Structures in an Impinging Jet"
Institucija: Institute of Chemical Process Fundamentals, ICPF in Prague, from 21.09.2003. to 19.12.2003.

Nagrade

1997 – Godišnja nagrada Instituta "VINČA" za istraživanja u oblasti plazma-hemijeske sinteze ultradisperznih keramičkih prahova siliciju nitrida Si_3N_4 i silicijum karbida SiC .
(Grupa istraživača: P. Pavlović, P. Stefanović, Ž. Kostić, S. Šikmanović, D. Cvetinović)

LIST OF PUBLICATIONS

I International Scientific Journals and Books

1. Z. G. Kostic, P. Lj. Stefanovic, P. B. Pavlovic, D. B. Cvetinovic, S. Dj. Sikmanovic: "Optimal Plasma Process Routes for Boron Nitride (BN) Powder Production from Boric Acid (H_3BO_3) ", *Ceramics International* 26 (2) pp.165-170, 2000.
2. P. Stefanovic, P. Pavlovic, Z. Kostic, S. Sikmanovic, D. Cvetinovic: "Critical Parameters of Si Conversion into Si_3N_4 Nanophase Powder for Plasma Process" *Materials Science Forum* Vols. 282-283 pp. 57-64, 1998
3. P. Stefanovic, P. Pavlovic, Z. Kostic, D. Cvetinovic: "Numerical Analysis of Effect of Critical Parameters on Evaporation of Disperse Materials in Thermal Plasma Reactors", *BOOK: Thermal Plasma Torches and Technologies, Volume 2:Thermal Plasma and Applied Technologies, Research and Development*, edited by O.P. Solonenko, Cambridge International Science Publishing , ISBN 1 898326606, First Published August 2001, p. 1-27, UK
4. P. B. Pavlovic, D. B. Cvetinovic, P. Lj. Stefanovic, S. Dj. Sikmanovic "Generalized Working Characteristics of Vortex D.C. Plasma Torch With Variable Geometry", *PROGRESS IN PLASMA PROCESSING OF MATERIALS* 1999, (Eds.P.Fauchais, J. Amouroux), BEGELL HOUSE INC. PUBLISHERS, New York, Vol 2., No. 2, ISSN 1093-3611, 1998, pp.277-286.
5. P. Stefanovic, D. Cvetinovic, G. Živkovic, S. Oka, P. Pavlovic: "Numerical modeling of disperse material evaporation in axisymmetric thermal plasma reactor", *Thermal Science*, UDC: 66.088:532.517/529:666.654, BIBLID: 0354-9836, Vol.7 (2003), No.1, pp. 63 - 100.
6. Dejan B. Cvetinovic, Munenori Ukai, Kazuyoshi Nakabe and Kenjiro Suzuki: "Velocity Measurements and Flow Structures Visualizations of a Self-ustained Oscilating Jet", *Thermal Science*, in print

II International Scientific Conferences

1. P. Stefanovic, Z. G. Kostic, P. Pavlovic, D. B. Cvetinovic: "Comparison of Polychlorinated Biphenyl Decomposition Processes in Water Steam and Air Thermal Plasmas", *Proc. of I Regional Symposium: CHEMISTRY and the ENVIROMENT*, Vrnjacka Banja 25-29 Sept., Vol 2, pp. 667-670, 1995,
2. P .Lj. Stefanovic, Z. G. Kostic, D. B. Cvetinovic,: "Plasma Process for Ultrafine Si_3N_4 Powder Production", *Proc. of the European Ceramic Society Fourth Conference*, 2-6 October, Riccione, Italy, Vol.1, pp. 241-248, 1995.
3. P. Lj. Stefanovic, P. B. Pavlovic, Z. G. Kostic, D. B. Cvetinovic,: "Numerical Analysis of Si Particles Injection and Evaporation Process in Thermal Plasma Reactor", *Proc. of the 12th International Symposium on Plasma Chemistry*, 21-25 August, Mineapolis, USA, Vol.III, pp.1397-1402, 1995.
4. P. Lj. Stefanovic, P. B. Pavlovic, Z. G. Kostic, D. B. Cvetinovic, S.N. Oka: "Numerical Analysis of Interphase Momentum, Heat and Mass Transfer Between Si Particles and Turbulent Nitrogen Thermal Plasma Flow", *II Int. Symp. Contemporary Problems of Fluid Mechanics* 30 Sept - 2 Oct., 1996, Belgrade, Proc., Yugoslav Society of Mechanics (ISBN 86-7083-288-7) p.p 253-256, 1996.
5. P. Stefanovic, D. B. Cvetinovic, P. Pavlovic, Z. G. Kostic: "Numerical Analysis of Momentum, Heat and Mass Transfer Between Nitrogen Plasma and Injected Al Particles in Axisymmetric Reactor", *PROGRESS IN PLASMA PROCESSING OF MATERIALS*, (Ed. P. Fauchais), Begel House Inc., New York - Wallingford (UK) 1997 pp. 643-650.
6. Z. G. Kostic, P. Lj. Stefanovic, P. B. Pavlovic, D. B. Cvetinovic: "Thermodynamic Consideration of B-O-C-H System for Boron Carbide (B_4C) Powder Synthesis in Thermal Plasma", *PROGRESS IN PLASMA PROCESSING OF MATERIALS*, (Ed. P.Fauchais), Begel House Inc., New York - Wallingford (UK) 1997 pp. 889-898.
7. P. Pavlovic, P. Lj. Stefanovic, S. Dj. Sikmanovic, D. B. Cvetinovic: "Geometric Parameters Influence on Vortex D.C. Plasma Torch Working Characteristics", *Fourth European Conf. on Thermal Plasma Processes TPP-4*, 15-18 July 1996, Athens, *PROGRESS IN PLASMA PROCESSING OF MATERIALS*, (Ed. P.Fauchais), Begel House Inc., New York - Wallingford (UK) 1997 pp. 119-126.
8. P. Lj. Stefanovic, P. B. Pavlovic, Z. G. Kostic, S. Dj. Sikmanovic, D. B. Cvetinovic: "Synthesis of Ultrafine Si_3N_4 Powder in a DC Thermal Plasma", *Proc. of the 13th Int. Symp. on Plasma Chemistry*, Beijing, China, August 18-22, pp. 2084-2089, 1997.
9. P. Lj. Stefanovic, D. B. Cvetinovic, P. B. Pavlovic, Z. G. Kostic: "Numerical Analysis Momentum, Heat and Mass Transfer Between Nitrogen Thermal Plasma and Injected Ti Particles in Axisymmetric Reactor", *Proc. of the 13th Int. Symp. on Plasma Chemistry*, Beijing, China, August 18-22, Vol III, pp. 1043-1048, 1997.
10. Z. G. Kostic, P. Lj. Stefanovic, P. B. Pavlovic, D. B. Cvetinovic: "Thermodynamic Cosideration of Ti-N and Ti-H-N Systems for Titanium Nitride (TiN) Powder Synthesis in Thermal Plasma", *Proc. of the 13th Int. Symp. on Plasma Chemistry*, Beijing, China, August 18-22, pp. 2078-2083, 1997.
11. P. Lj. Stefanovic, D. B. Cvetinovic, P. B. Pavlovic, Z. G. Kostic: "Effect of Knudsen Number on Momentum, Heat and Mass Transfer Between Injected Particles and Nitrogen Thermal Plasma", *Proc. of the XXIII Int. Conf. on Phenomena in Ionized Gases*, Toulouse - France, 17-22 July, Vol V, pp. 92-93, 1997.

12. P. Lj. Stefanovic, D. B. Cvetinovic, P. B. Pavlovic, Z. G. Kostic: "Numerical Analysis of Momentum, Heat and Mass Transfer Between a Nitrogen Plasma Jet and B₂O₃ Particles Injected in an Axisymmetric Reactor", PROGRESS IN PLASMA PROCESSING OF MATERIALS 1999, (Eds. P.Fauchais, J. Amouroux), Begel House Inc., New York, Walingford (UK), ISBN 1-56700-126-2 (hc.), 1999, pp. 209-217.
13. Z. G. Kostic, P. Stefanovic, P. B. Pavlovic, D. B. Cvetinovic: "Possibility of Composite Silicon Nitride + Silicon Carbide (Si₃N₄ SiC) Powder Production in Thermal", PROGRESS IN PLASMA PROCESSING OF MATERIALS 1999, (Eds. P.Fauchais, J. Amouroux), Begel House Inc., New York, Walingford (UK), ISBN 1-56700-126-2 (hc.), 1999, pp. 593-600.
14. P. Lj. Stefanovic, D. B. Cvetinovic, P. B. Pavlovic, Z. G. Kostic: "Numerical Analysis of Si Powder Evaporation in Axisymmetrical Reactor with Coaxial Nitrogen Plasma Flow", PROGRESS IN PLASMA PROCESSING OF MATERIALS 1999, (Eds. P.Fauchais, J. Amouroux), Begel House Inc., New York, Walingford (UK), ISBN 1-56700-126-2 (hc.), 1999, pp. 927-933.
15. P. B. Pavlovic, D. B. Cvetinovic, P. Lj. Stefanovic, S. Dj. Sikmanovic: "Generalized Working Characteristics of Vortex D.C. Plasma Torch With Variable Geometry", PROGRESS IN PLASMA PROCESSING OF MATERIALS 1999, (Eds. P.Fauchais, J. Amouroux), Begel House Inc., New York, Walingford (UK), ISBN 1-56700-126-2 (hc.), 1999, pp. 905-913.
16. D. B. Cvetinovic, M. Ukai, K. Nakabe, K. Suzuki: "Visualizations on Flow Structures of a Self-Sustained Oscillating Jet and its Enhanced Region of Impingement Heat Transfer", 9th. International symposium on flow visualization, Edinburgh, Scotland, 22-25 August 2000.
17. Kazuyoshi NAKABE, Dejan B. CVETINOVIC, Munenori UKAI and Kenjiro SUZUKI: "Jet Impingement Heat Transfer Modified by Self-sustained Acoustic Oscillation", Proceedings of the Seminar on Integrated Engineering -Engineering Advances at the Dawn of the 21st Century-, Faculty of Engineering, pp. 381-388, National University of Singapore, December 8-9 (2000).
18. MANBO, Tomoyuki, UKAI, Munenori, CVETINOVIC, Dejan, B., INAOKA, Kyoji, NAKABE, Kazuyoshi and SUZUKI, Kenjiro: "Impingement Heat Transfer of an Acoustically Oscillating Jet through a Geometrically Modified Nozzle", JSME-Kansai, Kansai Univ. in Osaka (1999-03).
19. Ukai, M. Cvetinovic, D. B. Nakabe, K. Suzuki, K.: "Impingement Heat Transfer of Self-oscillating Jet through Sudden-step-expansion Nozzle", NATIONAL HEAT TRANSFER SYMPOSIUM OF JAPAN, Japan Heat Transfer Society; 1999, VOL 37; PART 3, pages 887-888, 2000
20. UKAI, Munenori, CVETINOVIC, Dejan, B., NAKABE, Kazuyoshi and SUZUKI, Kenjiro: "Impingement Heat Transfer of a Self-Sustained Oscillating Jet through a Nozzle Having a Sudden Expansion Step (Further Report)", JSME-Annual Meeting, Meijo Univ. in Nagoya (2000-08).
21. P.B. Pavlović, D.B. Cvetinović, P.Lj. Stefanović, Z.N. Pavlović, N.V. Živković, Z.J. Marković: "The vortex D.C. plasma torch with electromagnetic arc Stabilization and variable geometry - generalization of the working characteristics", Contributed papers 21th SPIG, August 26-30, 2002, Sokobanja, pp. 526-529
22. Ž.G.Kostić, P.B. Pavlović, P.Lj. Stefanović, D.B. Cvetinović, Z.N. Pavlović, N.V. Živković, Z.J. Marković: "Thermodynamic consideration of asbestos destroying in air thermal plasma – Possibility of oxide powder byproducts usage" Contributed papers 21th SPIG, August 26-30, 2002, Sokobanja, pp. 530-533
23. P.B. Pavlović, D.B. Cvetinović, P.Lj. Stefanović, Z.N. Pavlović, N.V. Živković, Z.J. Marković: "The vortex D.C. plasma torch with electromagnetic arc stabilization and variable geometry – Generalization of the working characteristics", 21st Summer School and International Symposium on the Physics of Ionized Gases, Niš, 2002., p. 526-529
24. Ž.G. Kostić, P.B. Pavlović, P.Lj. Stefanović, D.B. Cvetinović, Z.N. Pavlović, N.V. Živković, Z.J. Marković: "Thermodynamic consideration of asbestos destroying in air thermal plasma – Possibility of oxide powder byproducts usage", 21st Summer School and International Symposium on the Physics of Ionized Gases, Niš, 2002., p. 530-533
25. P.B. Pavlovic, D.B. Cvetinovic, P.Lj. Stefanovic, Z.N. Pavlovic, N.V. Živkovic, Z.J. Markovic: "The vortex D.C. plasma torch with electromagnetic arc stabilization and variable geometry – Generalization of the working characteristics", 21st Summer School and International Symposium on the Physics of Ionized Gases, Niš, 2002., p. 526-529
26. D. Cvetinovic, J. Tihon, J. Verjazka, J. Drahos: "Effect of external excitations on the axisymmetrical air jet flow structures - investigations of the jet impinging on a flat surface", CHISA 2004, 22-26. August 2004, Prague, Czech Republic, P5.236, ISBN 80-86059-40-5
27. D. Cvetinovic, J. Tihon, J. Verjazka, J. Drahos: "Effect of external excitations on the axisymmetrical air jet flow structures - Investigations of the Free Jet", CHISA 2004, 22-26. August 2004, Prague, Czech Republic, P5.237, ISBN 80-86059-40-5

III Domestic scientific journals

1. P. Pavlovic, P. Stefanovic, S. Sikmanovic, D. Cvetinovic: "Ispitivanje radnih karakteristika plazmatrona za plazmenu preradu uglja", Procesna tehnika br.3/1995, BIBLID. 0352-678X, 1995 (11) 3, str. 187-193.

2. D. Cvetinovic, P. Pavlovic, Z. Kostic, P. Stefanovic, S. Sikmanovic: "Tehnoloski aspekti koriscenja plazma tehnologije za dobijanje acetilena iz domacih ugljeva", Termotehnika, God. XXII, Broj 2-3, str. 103-118, 1996.
3. P. B. Pavlovic, Z. G. Kostic, D. L. Agbaba, V. Zupanski, D. B. Cvetinovic, P.Lj. Stefanovic, S. Zec, S. Dj. Sikmanovic: "Plazma tehnoloski proces za razgradnju i unistavanje toksicnog otpadnog solventa (istrosen $CuAlCl_4$ - toluen)", Procesna tehnika, Broj 3-4, str. 216-220, 1996.
4. P. B. Pavlovic, Z. G. Kostic, P. Lj. Stefanovic, D. B. Cvetinovic, S. Sikmanovic: "Idejno resenje plazma-postrojenja za unistavanje farmaceutskog otpada", Procesna tehnika, Broj 3-4, str. 240-246, 1997.
5. Z. G. Kostic, P. B. Pavlovic, P. Lj. Stefanovic, D. B. Cvetinovic: "Produkti plazmene razgradnje penicilina", Termotehnika, God. XXIV, Broj 1-4, str. 81-87, 1998.
6. P.B. Pavlovic, P.Lj. Stefanovic, Z.J. Markovic, Z.N. Pavlovic, D.B. Cvetinovic, N.V. Živkovic: "Termonaponska analiza konstruktivnih resenja goionickog kanala za plazma pripremu aerosmeše na kotlu bloka A1 TENT-A", Procesing br. 1, mart 2002., str. 79-83.
7. P. Stefanovic, P. Pavlovic, S. Zec, Z. Idakovic, N. Živkovic, Z. Pavlovic, Z. Markovic, D. Cvetinovic: "Karakteristike naslage na razmenjivackim površinama u kotlu br. 6 termoelektrane Kolubara", Procesing br. 1, mart 2002., str. 262-266.
8. Pavle B.Pavlović, Predrag Lj. Stefanović, Zoran J. Marković, Zoran N. Pavlović, Dejan B. Cvetinović, Nikola V. Živković: " Termonaponska analiza konstruktivnih resenja gorioničkog kanala za plazma pripremu aerosmeše na kotlu bloka A1 TENT-A" Procesna tehnika UDK 621.181:662.933.4 BIBLID 0352-678X Vol.18 No.1 (2002) pp.79-83,
9. Predrag Stefanović, Pavle Pavlović, Slavica Zec, Zoja Idjaković, Nikola Živković, Zoran Pavlović, Zoran Marković, Dejan Cvetinović:" Karakteristike naslaga na razmenjivačkim površinama u kotlu br 6 Termoelektrane Kolubara " Procesna tehnika UDK 621.181.002 BIBLID 0352-678X Vol.18 No.1 (2002) pp 262-266.
10. Predrag Stefanović, Pavle Pavlović, Dejan Cvetinović, Nikola Živković, Zoran Pavlović, Zoran Marković,:" Plazma sistemi za potpalu i podršku vatri kod kotlova loženih ugljenim prahom – pregled izvedenih industrijskih postrojenja u svetu" Procesna tehnika UDK 662.933:66.088 BIBLID 0352-678X Vol.19 No.1 (2003) pp 138-142.

IV Domestic Scientific Conference

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