

Hon. Prof. Dr.-Ing. Ognjan Božić

Publications list (Total No. 69, Reviewed No. 11) or other Contributions of Record

1. Reviewed publications published in scientific journals and book series

- [Božić, 1989] Sladoje G., Božić O., Žerajić D.: **Experimental Unit for Testing a High-Temperature Burner with Coal Dust** (Eksperimentalno postrojenje za ispitivanje gorionika za visokotemperaturno sagorijevanje sprasjenog uglja), ENEGOINVEST – Nauka Tehnika Inžinjeriing (NTI - Science Technology Engineering), No. 2/89, p. 49, Sarajevo, Republic B&H, 1989
- [Božić, 2003 -1] Božić O.: **Numerical Simulation of Mineral Conversion inside a Combustor for Coal Dust of a Large Steam Generator**, dissertation at the TU Braunschweig Institute of Heat and Fuel Technology (IWBT), Shaker publisher, Aachen, Germany, ISBN: 3-8322-1400-3, June 2003
- [Božić, 2004 -5] Božić O., Longo J. M.A., Giese P., Behrens J. (2004/2006): **High-End Concept to Launch Micro-Satellites into Low-Earth-Orbit based on the Combination of a Two-Stage Rocket and a Railgun System**, 14th DGLR/STAB Fach-Symposium "Strömungsmechanik", November 16th - 18th 2004, Notes on Numerical Fluid Mechanics and Multidisciplinary Design – Vol. 92: New Results in Numerical and Experimental Fluid Mechanics V Volume", Editors: H. J. Rath i.e., Springer Verlag, Berlin, Germany, 2006
- [Božić, 2006 -2] Božić O., Giese P. (2006/2007): **Aerothermodynamic Aspects of Railgun assisted Launches of Projectiles with Sub- and Low-Earth-Orbit-Payloads**, 13th Electromagnetic Launch Technology Symposium, May 22nd - 25th 2006, Potsdam-Berlin, Germany, Paper No. 77, IEEE Transactions of Magnetics, Vol. 43, No. 1, January 2007, ISSN 0018-9464
- [Božić, 2009 -4] Božić O., Leithner R.: **Mineral Transformation** (Ch. 5), Simulation of power plants and heat conditioning systems (Edited by Eppele B., Leithner R., Linzer W., Walter H.), Springer publisher, German edition. Vienna - New York, 2009, ISBN 978-3-211-29695-0
- [Schneider, 2011-1] Schneider M., Božić O., Eggers T.: **Some Aspects concerning the Design of Multistage Earth Orbit Launchers using Electromagnetic Acceleration**, 15th Electromagnetic Launch (EML) Symposium, May 17th - 20th 2010, Brussels, Belgium; IEEE Transaction of Plasma Science, Vol. 39, Nr. 1, Part II, pp. 794-801, IEEE - DOI: 10.1109/TPS.2010.2091971, ISSN 0093-3813, 2011
- [Božić, 2011-2] Božić O., Eggers T., Wiggen S.: **Aerothermal and Flight Mechanic Considerations by Development of Small Launchers for Low Orbit Payloads Started from a Lorentz Rail Accelerator**, 3rd European Conference for Aero-Space Sciences - EUCASS, July 6th - 9th 2009, Versailles-Paris, France; Progress in Propulsion Physics, Vol. 2 [Edited by DeLuca L., Bonal C., Haidn O., and Frolov S.], EUCASS advances in aerospace sciences book series, TORUS PRESS, Moscow, 2011, ISBN 978-2-7598-0673-7
- [Lancelle, 2011-3] Lancelle D. M., Božić O., Martinez-Schramm J., Linke S.: **Measurement of Mechanical Properties of Solid Fuels and Advanced Composite Materials related to Short-Time High Acceleration generated by Lorentz Rail Accelerators**, 15th Electromagnetic Launch Symposium, May 17th - 20th 2010, Brussels, Belgium, IEEE Transaction of Plasma Science, Vol. 39, Nr. 1, Part I, ISSN 0093-3813, TPS 3849, 2011

- [Lancelle, 2012] Lancelle D. M., Božić O., Köke H.: **Flight Test Results of the Investigation of Acceleration Effects on a Gun-Launched Rocket Engine**, 16th Electromagnetic Launch (EML) Symposium, May 15th - 19th 2012, IEEE Transactions on Plasma Science, Vol. 41, No. 5, Part I, ISSN 0093-3813, 2013
- [Božić, 2015] Božić O., Poppe G., Pormann D.: **An Advanced Hybrid Rocket Engine for an Alternative Upper Stage of the Brazilian VLM 1 LEO-Launcher**, 65th International Astronautical Congress, September 29th - October 3rd 2014, Toronto, Canada (under review by Astronautica Acta - IAC recommendation)
- [Božić, 2016] Božić, O., Pormann, D., Lancelle, D. and May, S.: **Enhanced development of a catalyst chamber for the decomposition of up to 1.0 kg/s hydrogen peroxide**, CEAS Space Journal, Vol. 8, No. 2, 2016. DOI 10.1007/s12567-015-0109-x.
- [Božić, 2017] Božić O., Leithner R., Strelow M.: **Mineral Matter Transformation in Furnaces** (Ch. 5), *Numerical Simulation of Power Plants* (Edited by Epple B., Leithner R., Linzer W., Walter H.), Springer-Verlag, English edition, Vienna, 2017
DOI 10.1007/978-3-7091-4855-6_5

2 Publications in professional journals

- [Božić, 1975-1/2] Božić O.: **Theory of the Step Rocket – Basic Variables and Relationships in Ballistic Design**, Overview of rocket technique (Pregled raketne tehnike - PRT), Part 1: Nr. 1-2/75, pp. 72-75; Part 2: Nr. 3-4/75, p. 57, Sarajevo, Rep. B & H, 1975
- [Božić, 1980] Božić O.: **Selection of the Nose Cone of a Projectile with Optimal Shape in Supersonic Air Flow**, Overview of rocket technique (Pregled raketne tehnike – PRT), No. 7/80, pp. 31-45, Sarajevo, Rep. B & H, 1980
- [Božić, 1982] Božić O.: **Identification of the Mechanism and the Gasification Rate in Hybrid Rocket Engines** (Identifikacija mehanizma i brzine gasifikacije kod hibridnih raketnih motora), Overview of rocket technique (Pregled raketne tehnike), No. 8/82, pp. 31-45, Sarajevo, Rep. B & H, 1982

3 Presented at symposia, conferences and congresses

- [Božić, 1981] Božić O., Jamaković M.: **Analysis of the Working Process on the Hybrid Rocket Engines Chamber**, **32th Congress of International Astronautical Federation**, Rom, Italy, September 6th – 12th 1981
- [Božić, 1983-1] Božić O.: **Determination of Static Characteristics of a Hybrid Rocket Engine according to the Open-Loop Scheme** (Definisanje statičkih karakteristika hibridnog raketnog motora po semi otvorenog regulacionog kola), V. Yugoslavian Symposium "Astronautics and rocket technique", Sevnica, Slovenia, May 1983
- [Božić, 1983-2] Božić O., Pržulj J.: **Calculation, Design and Verification Tests of Tangential Centrifugal Nozzles for Hybrid Rocket Engines** (Proračun, konstrukcija i ispitivanje tangencijalnih centrifugalnih brizgača hibridnog raketnog motora) V. Yugoslavian Symposium "Astronautics and rocket technique", Sevnica, Slovenia, May 1983
- [Božić, 1987] Božić O.: **Determination of the Optimal Curvature of the Supersonic Part of a Plug Nozzle applying the Method of Characteristics** (Definisanje optimalne konture nadzvučnog dijela čep-mlaznika primjenom metode karakteristika) VI. Yugoslavian Symposium "Astronautics and rocket technique", Begunje-Bled, Slovenia, April 1987

- [Čokljat, 1990-1] Čokljat D., Božić O.: **Mathematical Model of Radiation-Convection Heat Transfer based on the Fire and Gas Layer Theory** (Matematski model radijaciono-konvektivnog prenosa toplote zasnovan na teoriji plamena i plinskih slojeva), JUTERM 90 – VII. Yugoslavian Symposium for Thermal Engineering, Neum, Republic of Bosnia and Herzegovina, May 1990
- [Božić, 1990-2] Božić O., Stošić N., Numić A.: **Possible Reconstruction of a Boiler (type "Steinmueller" 105 t / h steam) with Combustion in a Bubbling Fluidized Bed in the Energy Power Plant Kakanj** (org. in: Croatian), JUTERM 90 - VII Yugoslavian Symposium of Thermal Engineering, Neum, Republic of Bosnia and Herzegovina, May 1990
- [Božić, 1997] Božić O., Leithner R.: **A Kinetic Model for Iron Based Mineral Matter Transformations in Coal Combustion Environment**, 9th International Conference on Coal Science, Essen, Germany, September 7th - 12th 1997
- [Božić, 1998] Božić O., Müller H., Schiller A., Päufer W., Leithner R.: **Simulation of Pulverized Coal Furnaces Including Slagging with particular emphasis on Pyrite Transformation**, VGB – Conference "Research for Power Plant Technology 1998, Essen, Germany, February 11th - 12th 1998
- [Božić, 1999] Božić O., Müller H., Leithner R.: **Simulation of the Slagging of Lignite-Fired Combustors**, VDI - GET symposium "Advanced lignite use in a liberalized Electricity market", VDI – Report Nr. 1456, Cottbus, Germany, February 23rd - 24th 1999
- [Božić, 2000-1] Božić O., Leithner R., Müller H.: **Forecast of the Slagging Tendency of Pulverised Coal Fired Furnaces by Simulation of Mineral Matter Transformation in Three-dimensional Multiphase Flow Field**, 3rd Int. Symposium on Mathematical Modelling MATHMOD, Vienna, Austria, February 2nd – 4th 2000
- [Božić, 2000-2] Božić O., Leithner R., Müller H.: **Mineral Matter Transformation in Coal Fired Furnaces to Simulate Slagging**, 25th International Technical Conference on Coal Utilisation & Fuel Systems, Clearwater, Florida, USA, March 6th - 9th 2000
- [Božić, 2000-3] Božić O., Leithner R., Brösdorf B.: **Simulation of the Kinetics of Iron-containing Mineral Phases by Firing of Coal-dust in Combustion Chamber**, VDI-GET Conference "Modelling and simulation of steam boilers and furnaces", VDI - Reports No. 1534, Braunschweig, Germany, March 14th - 15th 2000
- [Božić, 2000-4] Božić O., Leithner R., Müller H.: **Calculation of the Mineral Matter Transformations in Coal Fired Furnaces to Simulate Slagging Potential**, 12th International Conference on Coal Research, Sandston, South Africa, September 12th - 15th 2000
- [Eggers, 2002-1] Eggers T., Božić O. (presenter - 2002): **Aerodynamic Design and Analysis of an ARIANE 5 Liquid Fly-Back Booster**, 11th AIAA/AAAF Space Planes and Hypersonic Systems Conference, Orleans, France, September 29th - October 4th 2002
- [Sippel, 2002-2] Sippel M., Klevanski J., Burkhardt H., Eggers T., Božić O., Langholf P., Rittweger A. (2002): **Progress in the Design of a Reusable Launch Vehicle Stage**, 11th AIAA/AAAF Space Planes and Hypersonic Systems, Orleans, France, September 29th - October 4th 2002

- [Behrens, 2003] Behrens, J., Lehmann P., Longo J.M.A., Božić O., Rapp M., Conde Reis A. (2003): **Hypersonic and Electromagnetic Railgun Technology as a Future Alternative for the Launch of Suborbital Payloads**, 16th ESA Symposium on Rocket and Balloon Programmes, St. Gallen, Switzerland, June 3rd - 5th 2003
- [Leithner, 2003 -2] Leithner R., Neuroth M., Božić O., Hoppe, A.: **Influence of Slagging and Fouling on Coal Selection, Boiler Design and Operation - Experiences and Simulation**, 21. Deutsche Flammentag, VDI Report 1750, ISBN: 3-18-091750-4, Cottbus, Germany, September 9th - 10th 2003
- [Božić, 2003 -3] Božić O., Longo J.M.A., Giese P., Behrens J. (2003): **Design of Propelled Projectiles to provide Escape Velocity for Nano-Satellites**. In: CD ROM, **54th Congress of International Astronautical Federation (IAF)**, Bremen, Germany, September 29th - October 3rd 2003
- [Božić, 2003 -4] Božić O., Longo J.M.A., Giese P. (2003): **New European Concept of Single Staged Rocket to launch Nano-Satellites in Low Earth Orbit (LEO)**, In: Proceedings of the International Conference on Recent Advances in Space Technologies, pp. 50 - 55, International Conference on Recent Advances in Space Technologies, Istanbul, Turkey, ISBN 0-7803-8142-4, November 20th – 22nd 2003
- [Behrens, 2004-1] Behrens J., Božić O. (2004): **Development of Electromagnetic Railgun Technology for the Launch of Payloads into Suborbital and Orbital Altitudes**, **55th Congress of International Astronautical Federation, Vancouver, Canada**, October 4th – 8th 2004
- [Božić, 2004 -2] Božić, O., Longo J.M.A., Giese P., Behrens J. (2004): **High-End Concept Based On Hypersonic Two-Stage Rocket and Electromagnetic Railgun to Launch Micro-Satellites into Low-Earth-Orbit**, 5th European Symposium on Aerothermodynamics for Space Vehicles, Cologne, Germany, November 8th - 11th 2004
- [Božić, 2004 -3] Božić, O. Otto H. (2004): **Flow Field Analysis of a Future Launcher Configuration during Start**, 5th European Symposium on Aerothermodynamics for Space Vehicles, Cologne, Germany, November 8th - 11th 2004
- [Božić, 2005 -1] Longo J. M. A., Božić O., Behrens J., Lehmann P. (2005): **Future Prospects for Hypersonic Flight Test for University Students**, In: RTO AVT Von Karmann Institute (VKI) Lecture Series, Lecture Series "Flight Experiments for Hypersonic Vehicle Development", Brussels, Belgium, October 24th 2005
- [Božić, 2005 -3] Sippel M., Klevanski J., Božić O., Otto H. (2005): **Critical Aerothermal Phenomena on Future Reusable Booster Stage**, 4rd International Symposium Atmospheric Reentry Vehicles & Systems, Arcachon, France, March 21st - 23rd 2005
- [Božić, 2006 -1] Božić O., Behrens J. (2006): **Railgun assisted Launches of Projectiles with Sub- and Low-Earth-Orbit-Payloads (The European View)**, Invited lecture, ESA Student Technical education Conference, STEC 2006, Braunschweig, Germany, May 9th - 12th 2006

- [Božić, 2006 -3] Božić O., Longo J. M. A., Otto H. (2006): **Shock-Wave-Boundary-Layer Interaction (SWBLI) around open Flaps of EXPERT Capsule and their Consideration on Heat and Mechanical Loads under critical Re-Entry Flow Conditions**, **57th International Astronautical Congress** - Space Transportation Symposium (D2 - 5.), Valencia, Spain, October 2nd - 6th 2006
- [Calvo, 2006 -4] Calvo J. B., Mack, A., Božić O. (2006): **Study of the Heating of Hypersonic Projectile through a Multidisciplinary Simulation**, European Conference on Computational Fluid Dynamics ECCOMAS-CDF, TU Delft, Delft, Netherlands, September 2006
- [Božić, 2007 -1] Božić O., Longo J. M. A. (2007): **Moon 2016 - Technology Platform for Extraterrestrial Investigation**, DGLR International Symposium "To Moon and beyond", Bremen, Germany, March 14th - 16th 2007
- [Božić, 2007 -2] Božić O., Longo J. M. A. (2007): **Technology driven Robotic-Moon-Mission 2016**, 7th International Symposium on Launcher Technologies, Paper O-08, Barcelona, April 2nd - 5th 2007
- [Lehmann, 2007 -3] Lehmann P., Božić O., Grobusch H., Behrens J. (2007): **Electromagnetic Railgun Technology for the Deployment of Small Sub- /Orbital Payloads**, 7th International Symposium on Launcher Technologies, Paper O-34, Barcelona, April 2nd - 5th 2007
- [Božić, 2007 -4] Božić O., Longo J. M. A. (2007): **Moon Sample Return Mission 2016**, **58th International Astronautical Congress**, A3. Space Exploration Symposium, Paper IAC-07-A3.6B.05, Hyderabad, India, September 24th - 28th 2007
- [Feuerbacher, 2007-6] Krüger H., Theil S., Božić O., Richter L., Feuerbacher B., Longo J. M. A. (2007): **Concepts for Lunar Sample Return Missions**, 9th ILEWG International Conference on Exploration and Utilization of the Moon, ICEUM9/ILC2007(paper nr. 222), Sorrento, Italy, October 22nd - 26th 2007
- [Božić, 2008 -1] Božić O., Calvo J. B., Longo J. M. A. (2008): **Possibilities and Limitations by Development of Propelled Projectiles for Small Orbital Payloads Launched from Railguns**, Space Propulsion 2008, 2nd Int. Symposium on Propulsion for Space Transportation, Heraklion, Crete, Greece, May 5th – 9th 2008
- [Božić, 2008 -2] Božić O.: **Possibilities of Lorentz Electromagnetic Accelerators for Launch of Payloads in Low-Earth-Orbit**, **59th International Astronautical Congress**, Paper IAC-08-C.4.6.6, Glasgow, Scotland, GB, September 29th - October 3rd 2008
- [Božić, 2009 -1] Božić O., Eggers T., Wiggen S. (2009): **Aerothermal and Flight Mechanic Considerations by Development of Small Launchers for Low Orbit Payloads Started from Lorentz Rail Accelerator**, 3rd European Conference for Aero-Space Sciences – EUCASS, Versailles-Paris, France, July 6th - 9th 2009
- [Božić, 2009 -2] Božić O., Pormann D.(2009): **Estimation of Flow Field Properties and Thrust Performances of Axisymmetric Plug - Nozzles using CFD Simulations**, 6th International Symposium on Turbulence, Heat and Mass Transfer (THMT'09), University 'Sapienza', September 14th - 18th 2009, Rome, Italy; also in: Turbulence, Heat and Mass Transfer 6, (*Editors: Hanjalić K., Nagano Y. and Jakirlić S.*), Begell House, Inc., 2009

- [Bérend, 2009 -3] Bérend N., Calabro M., **Božić O.**, Bonnal C., Matloff G. L., Valentian D. (2009): **Non-Chemical, Non-Nuclear Advanced Propulsion for Space Applications: Panorama and Roadmap**, **60th International Astronautical Congress**, IAC-09-C4.6.1, Daejon, Korea, October 12th - 16th 2009
- [Božić, 2010 -1] Božić O., Eggers T., Lancelle D.: **Technological Limitations for the Design of Lorentz Rail Accelerated Rockets**, Symposium "Electrical engineering", Deutsch-Französisches Institut (ISL), Saint Louise, France, March 10th - 11th 2010
- [Lancelle, 2010-2] Lancelle D., Božić O., Martinez-Schram J., Linke S.: **Measurement of Mechanical Properties of Solid Fuels and Advanced Composite Materials Originated under Short-Time High Acceleration usual by Lorentz Rail Accelerators**, 15th Electromagnetic Launch Symposium, Brussels, Belgium, IEEE Transaction of Plasma Science, Vol. 39, Nr. 1, Part I, January 2011, ISSN 0093-3813, TPS 3849, May 17th - 20th 2010
- [Božić, 2010-3] Schneider M., Božić O., Eggers T.: **Some Aspects concerning the Design of Multistage Earth Orbit Launchers using Electromagnetic Acceleration**, 15th Electromagnetic Launch Symposium, Brussels, Belgium, IEEE Transaction of Plasma Science, Vol. 39, Nr. 1, Part II, Jan. 2011, ISSN 0093-3813, May 17th - 20th 2010
- [Božić, 2010-4] Božić O., Pormann D., Schneider M.: **Conceptual Design of "SILVER EAGLE" - combined Electromagnetic and Hybrid Rocket System for Suborbital Investigations**, **61st International Astronautical Congress (IAC)**, C4.6. Special Session on "Missions Enabled by New Propulsion Technologies and Systems", IAC-10-C6.4.1, Prague, Czech Republic, September 27th - October 1st 2010
- [Božić, 2012-1] Božić, O., Pormann, D., Lancelle, D. M., Hartwig, A.: **Program AHRES and its Contribution to Assess Features and Current Limitations of Hybrid Rocket Propulsion**, **63st International Astronautical Congress (IAC)**, IAC-12-C4.2.8, Naples, Italy, October 1st - 5th 2012
- [Lancelle, 2012-2] Lancelle, D. M.; Božić, O.; Köke, H.: **Flight Test Results of the Investigation of Acceleration Effects on a Gun-Launched Rocket Engine**, 16th Elektromagnetic Launch (EML) Symposium, May 15th - 19th, 2012, IEEE Transactions on Plasma Science, Vol. 41, No. 5, Part I, ISSN 0093-3813, 2013
- [Božić, 2013-1] Božić O., Lancelle D. M., May S., Pormann D.: **Experimental Evaluation of a High Test Peroxide Catalyst Chamber for a Hybrid Rocket Engine**, 5th European Conference for Aeronautics and Space Sciences (EUCASS), Munich, Germany, July 1st - 5th 2013
- [Lancelle, 2013-2] Lancelle D. M., Božić O.: **Simulation of an Ablative Thermal Protection System for the Hypersonic Ascend of an Electromagnetically Launched Payload Carrier**, 5th European Conference for Aeronautics and Space Sciences (EUCASS), Munich, Germany, July 1st - 5th
- [Pormann, 2013-3] Pormann D., Božić O., Lancelle D. M.: **Regression Rate Models versus experimental Results for Hybrid Rocket Engines based on H₂O₂ and HTPB/Al**, **64st International Astronautical Congress (IAC)**, Beijing, China, September 23rd - 27th 2013
- [Božić, 2014-1] Božić O., Pormann D., Lancelle D. M., May S.: **The last Achievements by Development of a Rocket Grade Hydrogen Peroxide Catalyst Chamber with Flow Capacity of 1kg/s**, Conf. SPACE PROPULSION 2014, ST-RCS-85, Cologne, Germany, May 19th - 22nd 2014

- [Porrman, 2014-2] Porrman D., Wilken S., Božić O., Lancelle D.: **First Results of Regression Rate Measurements on Ultrasonic Basis**, Conf. SPACE PROPULSION 2014, ST-RCS-85, Cologne, Germany, May 19th - 22nd 2014
- [Lancelle, 2014-3] Lancelle D. M., Božić O.: **Thermal Protection-, Aerodynamics- and Control Simulation of an Electromagnetically Launched Projectile**, Electromagnetic Launch Symposium, San Diego, California, USA, July 1st - 5th 2014
- [Božić, 2014-4] Božić O., Poppe G., Porrman D.: **An Advanced Hybrid Rocket Engine for an Alternative Upper Stage of the Brazilian VLM 1 LEO-Launcher**, **65th International Astronautical Congress**, C4 – Space Propulsion Symposium, C4.2 Session - Propulsion System (2), Toronto, Canada, September 29th - October 3rd 2014
- [May, 2014-6] May S., Božić O.: **Numerical Simulation of the Flow and Combustion inside the Reaction Chamber of AHRES Hybrid Rocket Engine**, STAB Symposium, Munich, Germany, November 4th - 5th 2014
- [Poppe et al., 2015-1] G. Poppe, P. Koch, O. Božić, D. Lancelle, **Optimization of Finocyl Grain Geometries of Solid Rocket Boosters**, 6th European Conference for Aeronautics and Space Sciences (EUCASS) 2015, 29th June – 2nd July 2015, Krakow
- [May et al., 2015-2] May S., Božić O., **CFD Simulation of Chemical Non-Equilibrium Reacting Flow within the AHRES Hybrid Rocket Engine**, 6th EUCASS 2015, 29th June – 2nd July 2015, Krakow
- [Božić et al., 2015-3] Božić O., Mokhtari Molk Abadi N., Poppe G. and May S., **Modeling of the Transformation Kinetics of Small Metal Particles during Combustion inside the Chamber of Hybrid Rocket Engines**, 6th EUCASS 2015, 29th June – 2nd July 2015, Krakow, Poland
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- [May et al., 2017] May S., Karl S., Božić O., **Development of an Eddy Dissipation Model for the use in Numerical Hybrid rocket Engine Combustion Simulation**, 7th European Conference for Aeronautics and Space Sciences (EUCASS), 3-6 July, Milan, Italy
- [Dullo et al., 2017] Dullo C. M. U., Božić O., **Beschreibung des Zündungsprozesses bei Feststoff- oder Hybridrakentriebwerken durch instationäre mathematische Modelle**, 66. Deutsche Luft- und Raumfahrtkongress (DGLRK), 5.-7. September 2017, München, Deutschland
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4 Scientific research studies in the aerospace area

- [Behrens, 2003] Behrens J., Lehmann P., Longo J. M., Božić O., Rapp M.: **Electromagnetic Railgun Technology for the Deployment of Small Sub-/Orbital Payloads**, Feasibility Study, GSP Study, Final Report, CCN No. 01 to ESA Contract No. 13420, EADS-ST, Bremen, September 2003
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- [Božić, 2007-4] Božić O., Reiman B., Longo J.: **EXPERT Payload 6 - CFD Flight Simulation of PL6 Aerothermal Environment: Measurement of control Surfaces Aerodynamic Efficiency and Heating**, DLR AS-RFZ Braunschweig, DLR-EXP-PL6-CFD-01 (Contract ESA/CIRA Nr. CIRA-CF-05-0726), November 2007