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Борис Василев получава магистърска степен във ВНБВУ "Г. Бенковски" през 1972 г., специалност "Авиационно оборудване". През 1975 г. защитава докторска дисертация по интегрирани навигационни системи във ВВИА "Н .Е. Жуковски" - Москва, Русия. Понастоящем е доцент по "Авиационно оборудване" в катедра "Въздушен транспорт" - ТУ-София.

От 2003 г. е член на работната група по валидиране на спътниковата навигационна система EGNOS, създадена и ръководена от Евроконтрол - европейската организация за безопасност на въздушната навигация.

Избрани публикации (2009-2012):

- B. Vassilev, B Vassileva, EGNOS Performance Before and After Applying an Error Extracting Methodology, European Navigation Conference 2012, Gdansk, Poland.
- Vassileva B., B. Vassilev, A New technique for SBAS Availability Improvement, IJMWT, Cambridge University Press and the European Microwave Association, ISSN: 1759-0787 EISSN: 1759-0795, doi:10.1017/S1759078712000013
- B. Vassilev, B Vassileva, The Satellite Navigation System EGNOS and Safety of Life Service Performance in Sofia, Information Technologies and Control (to be published) ISSN 1312-2622.
- Vassileva B. and B. Vassilev, "SBAS Availability Improvement Based on the Modified Radar Techniques", Proceedings of the ESAV11, Capri, Italy, 12-14 September 2011, 225-229.
- Vassilev B. and B. Vassileva, EGNOS Quality Parameters Investigation, Proceedings of the European Navigation Conference on GNSS, Braunschweig, Germany, 19-21 October 2010
- Vassilev B. and B. Vassileva, Some EGNOS Performance Results in the Context of Aircraft Navigation, Proceedings of 52nd International Symposium ELMAR-2010, Zadar, Croatia, 15-18 September 2010, ISSN: 1334-2630, ISBN: 978-953-7044-11-4, IEEE Catalog Number: CFP10825-PRT, pp. 389-392.
- Vassilev B., Evaluation of Basic Parameters of EGNOS Operation in Sofia, 24-th EDCN Meeting, BUTE, Budapest, Hungary 2010 <http://www.pildo.com/index.php?page=gNSS-validation-and-certification>
- Vassileva B. and B. Vassilev, "EGNOS Performance Analysis and a Novel Algorithm for System's Performance Improvement", Proceedings of 16th International Conference on Integrated Navigation Systems, Saint Petersburg, Russia, May 2009, 342-350.
- Vassilev B., On EGNOS performance in Sofia, 21-th EDCN Meeting, TU Delft, Netherlands 2009 <http://www.pildo.com/index.php?page=gNSS-validation-and-certification>
- Vassilev B., On EGNOS safety parameters performances in Sofia, 22-th EDCN Meeting, Lisbon, Portugal 2009 <http://www.pildo.com/index.php?page=gNSS-validation-and-certification>
- Vassilev B., Recent results on the EGNOS performance in Sofia, 23-th EDCN Meeting, Eurocontrol, Bretigny-sur-Orge, France, 2009 <http://www.pildo.com/index.php?page=gNSS-validation-and-certification>