Date: 15th Oct 2022



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| Ahmad Mahmoud Alhosban |

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| **Personal information** | |
| Title: | Dr. |
| Academic Rank: | Assistant Professor |
| Date & Place of Birth: | 28th July 1972 |
| Nationality: | Jordanian |
| Address: | Amman - Jordan |
| Phone No. : | 0790681875 |
| e-mail: |  |

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| **Academic qualifications** | | | | |
| Degree | Major | Duration  (From-To) | University | Country |
| PhD | Electrical Engineering/ Aerospace ComNav | 2018-2022 | University of Public Service | Hungary |
| Master | Electrical Engineering/ Space ComNav | 2005-2006 | ENAC University | France |
| BSc | Electrical Engineering/ Communication | 1990-1994 | Mu’tah University | Jordan |
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| **Teaching experience** | | | | |
| Duration | Rank | Institution | Department/Faculty | Country |
| 2020-2022 | Tituter | ICT Doctoral School | Signal Department | Hungary |
| 2015-2018 | Lecturer | Air Force Academy | Aviation Faculty | Jordan |
| 1999-2001 | Lecturer | Prince Faisal Technical College | Electronic Department | Jordan |
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| **Other experience** | | | | |
| Duration | Rank | Institution | Department/Faculty | Country |
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| **Publications** | | | | | | |
| **Journals** |  | |  | | | |
| Author/s  (In Order) | Title | | Journal | Vol./No. | Publication Date | |
| * Ahmad Alhosban, [Assessing Availability of GNSS-GBAS Landing Systems in GAST-D/F Performance](https://www.aimt.cz/index.php/aimt/article/view/1540), Advances in Military Technology, 17(1), 121-136, 2022. * Ahmad Alhosban, [GPS Characterization in Cyberspace between Vulnerability and Geo-Encryption:](https://www.armyacademy.ro/reviste/rev2_2020/Alhosban_Raft_2_2020.pdf) [Impact on GBAS Landing System (GLS)](https://www.armyacademy.ro/reviste/rev2_2020/Alhosban_Raft_2_2020.pdf), Land Forces Academy Review, 25(2), 146-158, 2020. * Ahmad Alhosban, Assessment of the GIS-Aided Precise Approach Using the GNSS-GBAS Landing Systems, REPÜLÉSTUDOMÁNYI KÖZLEMÉNYEK (1997-TŐL), 32(2), 49-65, 2020. * Ahmad Alhosban, Navigation Warfare (NAVWAR): Balancing the Position in Space between GPS and Galileo, Hadmérnök, 14(4), 163-177, 2019. * Ahmad Alhosban, Electronic Warfare in NAVWAR: Impact of Electronic Attacks on GNSS/GBAS Approach Service Types C and D Landing systems and their proposed Electronic Protection Measures (EPM), Hadmérnök, 14(2), 238-255, 2019. | | | | | | |
| **Conferences** |  | | | | | |
| Author/s  (In Order) | Title | Conference | | Country | | Date |
| • Ahmad, Alhosban :The Adopted Approach to the disaster management of Covid-19 Pandemic In Jordan /role of the National Center for Security and Crisis Management (NCSCM), In: Bodnár, László; Heizler, György (eds.) Book of abstracts : Fire Engineering & Disaster Management Prerecorded International Scientific Conference, Bp, Hungary : Védelem online (2021) 119 p. pp. 84-84. , 1 p. Teljes dokumentum, Publication:31984037 Admin approved Core Chapter in Book (Abstract ) Scientific  • Ahmad, Alhosban: GNSS Space Racing Beyond the Cold War Era-Technical Comparative Study: Kommunikációtudományi Szekció In: Barna, Boglárka Johanna; Kovács, Petra; Molnár, Dóra; Pató, Viktória Lilla (eds.) XXIII. Tavaszi Szél Konferencia 2020. Absztraktkötet : MI és a tudomány jövője Bp, Hungary : Association of Hungarian PHD and DLA Students (2020) 600 p. pp. 235-235.  • Ahmad, Alhosban, NATO EU Nations’ Posture in GNSS: European Cyber Security Month (ECSM)/Gate of Science/2019 Competition of NATO70 Poster /NUPS (2019) European Cyber Security Month (ECSM)/Gate of Science/2019 Competition of NATO70 Poster /NUPS, Country: Hungary, Egyéb URL Publication:31324818 Admin approved Core Miscellaneous (Notices/Catalogue ) Scientific  • Ahmad, Alhosban : New approach of instrumental landing systems using Galileo/GPS space navigation and its contribution in NATO: Honvéd Kulturális Központ (Budapest, 1143, Zichy Géza u. 3. (2019) Communications 2019" International scientific-professional conference, NUPS, Budapest, Country: Hungary.  • Ahmad, Alhosban : Galileo GNSS System: New Approach for EU Space Security: 10th International Scientific Conference (2019), 10th International Scientific Conference, NATIONAL AND INTERNATIONAL SECURITY 2019, Slovakia, Country: Slovakia.  • Ahmad, Alhosban: Impact of Multipath error on Availability of integrity in GBAS Application: International Committee on Global Navigation Satellite Systems (ICG) Experts Meeting opens in Vienna pp. 1-34. , 34 p. (2015) Impact of user Multipath Error on Availability of Integrity in GBAS Applications, Vienna – UNOOSA, 15th Dec. 2015, Country: Austria. | | | | | | |

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| **Books** |  |  |  |  |
| Author/s  (In Order) | Title | Publisher | Edition | Date |
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| **Memberships OF Scientific and professional societies** |
| Jordanian Engineering Association/Consultant Rank |
| **university Committees** |
| Web Site Committee  Library committee  QA Committee |

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| **Workshops Attended** |
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| **Workshops Offered** |
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| **Research interests** |
| GNSS, GBAS, GPS, Navigation, Communication Electronics, Avionics |
| **Languages** |
| Arabic, English, France, Turkey, Hungarian |

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| **Other Community activities** |
| News paper Auther |
| **Awards received** |
| Royal Merit of 2nd Degree |

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| **Graduate Students Supervision** | |
| Student Name | Thesis Title |
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| **References** | |
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