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Education Information

Doctorate, The University of Iowa, Department Of Computer Science, United States Of America 1985 - 1991

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, Turkey
1982 - 1984

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, Turkey
1977 - 1982

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, A logical characterization of the observational equivalence of processes, The University Of Iowa, Department Of Computer Science, 1991

Postgraduate, Shrinkers: A Class of Recognizers for a Subclass of Context-Free Languages, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 1984

Research Areas

Computer Sciences, Theoretical Computer Science, Formal Languages, Software, Software Engineering, Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, 2015 - Continues

Associate Professor, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, 2011 - 2015

Lecturer, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, 2006 - 2011

Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, 1992 - 2006

Advancing Ineses

- OĞUZTÜZÜN M. H. S. , Schedulability analysis of real-time multi-frame co-simulations on multi-core platforms, Doctorate, M.Uzair(Student), 2020
- OĞUZTÜZÜN M. H. S. , Real-time object-oriented framework for fmi co-simulation, Postgraduate, M.Çam(Student), 2020
- OĞUZTÜZÜN M. H. S. , Data sharing using mqtt and zigbee-based dds on resource-constrained contiki-based devices, Postgraduate, T.Yıldırım(Student), 2020
- OĞUZTÜZÜN M. H. S. , CM2-based physical item hierarchy implementation for a product lifecycle management system, Postgraduate, D.Abadan(Student), 2019
- OĞUZTÜZÜN M. H. S. , A Dynamic Software Product Line for Remote Monitoring of Computer Systems, Postgraduate, G.ERDİL(Student), 2019
- OĞUZTÜZÜN M. H. S. , Multi-target implementation of a domain specific language for extended feature models, Postgraduate, G.Demirtaş(Student), 2018
- OĞUZTÜZÜN M. H. S. , Multi-Target Implementation of a Domain Specific Language For Extended Feature Models, Postgraduate, G.DEMİRTAŞ(Student), 2018
- OĞUZTÜZÜN M. H. S. , Dynamic constraint satisfaction algorithm for reconfiguration of feature models, Postgraduate, S.ENTEKHABI(Student), 2018
- OĞUZTÜZÜN M. H. S. , Parallel resampling methods for particle filters on graphics processing unit, Doctorate, Ö.DÜLGER(Student), 2017
- OĞUZTÜZÜN M. H. S. , Modeling and code generation for a reference software architecture for naval platform command and control systems, Postgraduate, N.KÜBRA(Student), 2017
- OĞUZTÜZÜN M. H. S. , An object-oriented framework for functional mock-up interface co-simulation, Postgraduate, M.ASLAN(Student), 2016
- KARAGÖZ P., OĞUZTÜZÜN M. H. S. , Spatiotemporal data mining for situation awareness in microblogs, Doctorate, Ö.ÖZDİKİŞ(Student), 2016
- OĞUZTÜZÜN M. H. S. , SPARKS: A LANGUAGE FOR TEST SCRIPTING FOR INSTRUMENTATION SYSTEMS, Postgraduate, M.SAEEDİ(Student), 2015
- OĞUZTÜZÜN M. H. S. , SCHMİDT Ş. E. , RSAR: A layered software architecture for cyber-physical systems, Postgraduate, E.AKAGÜNDÜZ(Student), 2015
- SCHMİDT Ş. E. , OĞUZTÜZÜN M. H. S. , RSAR: a layered software architecture for cyber-physical systems / , Postgraduate, E.Akagündüz(Student), 2015
- ONUR E., OĞUZTÜZÜN M. H. S. , Density estimation in large-scale wireless sensor networks, Postgraduate, A.EROĞLU(Student), 2015
- OĞUZTÜZÜN M. H. S. , SparkS: a language for test process scripting for instrumentation systems, Postgraduate, M.Saeedi(Student), 2015
- OĞUZTÜZÜN M. H. S. , A methodology for cross-resolution modeling in DEVS using EVENT-B refinement, Doctorate, A.KARA(Student), 2014
- OĞUZTÜZÜN M. H. S. , Functional mockup unit adaptation for HLA-compliant distributed simulation, Postgraduate, F.YILMAZ(Student), 2014
- BATMAZ İ., OĞUZTÜZÜN M. H. S. , Metamodeling atomic models in discrete event system specification (DEVS) formalism using multivariate adaptive regression splines (MARS), Doctorate, C.DORUK(Student), 2014
- OĞUZTÜZÜN M. H. S. , A goal question metric based tool for goal oriented business process modeling, Postgraduate, B.MERAL(Student), 2014
- OĞUZTÜZÜN M. H. S. , Distributed discrete event simulation architecture with connectors, Postgraduate, İ.ÖZGÜR(Student), 2014
- YAZICI A., OĞUZTÜZÜN M. H. S. , Describing the software architecture of a multimedia data management system, Postgraduate, Ç.AVCI(Student), 2013
- OĞUZTÜZÜN M. H. S. , Feature modeling and automated analysis for an embedded software product family, Postgraduate, G.FEDAKAR(Student), 2013
- DOĞRU A. H. , OĞUZTÜZÜN M. H. S. , Condition oriented enrichment approach in business rule management systems, Postgraduate, M.HALİL(Student), 2013
- OĞUZTÜZÜN M. H. S. , Oğuztüzün M., DDS based MIL-STD-1553B data bus interface simulation, Postgraduate, E.Deniz(Student), 2012

OĞUZTÜZÜN M. H. S. , KARATAŞ A. S. , An xml-based feature modeling language, Postgraduate, L.Nabdel(Student), 2011
OĞUZTÜZÜN M. H. S. , Transforming mission space models to executable simulation models, Doctorate, G.Özhan(Student), 2011
OĞUZTÜZÜN M. H. S. , Ontology driven development for hla federates, Postgraduate, C.Fatma(Student), 2010
OĞUZTÜZÜN M. H. S. , Analysis of extended feature models with constraint programming, Doctorate, A.Serkan(Student), 2010
OĞUZTÜZÜN M. H. S. , Variable structure and dynamism extensions to a devs based modeling and simulation framework, Postgraduate, F.Deniz(Student), 2010
OĞUZTÜZÜN M. H. S. , HLA fom development with model transformations, Postgraduate, A.Cem(Student), 2010
OĞUZTÜZÜN M. H. S. , Goal oriented modeling of situation awareness in a command and control system, Postgraduate, H.Ali(Student), 2010
OĞUZTÜZÜN M. H. S. , Feature oriented domain specific language for dependency injection in dynamic software product lines, Postgraduate, O.Dayıbaş(Student), 2009
OĞUZTÜZÜN M. H. S. , Dynamic model integration and 3d graphical interface for a virtual ship, Postgraduate, C.Alp(Student), 2008
OĞUZTÜZÜN M. H. S. , Model-based approach to the federation object model independence problem, Postgraduate, M.Fatih(Student), 2007
OĞUZTÜZÜN M. H. S. , Model-based code generation for the high level architecture federates, Doctorate, B.Mehmet(Student), 2007
OĞUZTÜZÜN M. H. S. , Metamodeling for the HLA federation architectures, Doctorate, O.Topçu(Student), 2007
OĞUZTÜZÜN M. H. S. , Coordinate systems for a naval virtual environment, Postgraduate, A.Kılıç(Student), 2005
OĞUZTÜZÜN M. H. S. , A metamodel for the high level architecture object model, Postgraduate, D.Çetinkaya(Student), 2005
OĞUZTÜZÜN M. H. S. , Specification and verification of confidentiality in software architectures, Doctorate, C.Ulu(Student), 2004
OĞUZTÜZÜN M. H. S. , Deriving a dynamic programming algorithm for batch scheduling in the refinement calculus, Postgraduate, İ.Aktuğ(Student), 2003
OĞUZTÜZÜN M. H. S. , Oğuztüzün M., Proof of the basic theorem on concept lattices in Isabelle/HOL, Postgraduate, B.Sertkaya(Student), 2003
OĞUZTÜZÜN M. H. S. , Oğuztüzün M., Monitoring and checking of discrete event simulations, Postgraduate, B.Ulu(Student), 2003

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **HYPOTHESIS-DRIVEN SIMULATION EXPERIMENTS WITH AN EXTENSION TO SED-ML**
Cam S., Oguztuzun H., Yilmaz L.
INTERNATIONAL JOURNAL OF SIMULATION MODELLING, vol.21, no.1, pp.17-28, 2022 (Journal Indexed in SCI)
- II. **Internet of Measurement Things Architecture: Proof of Concept with Scope of Accreditation**
KAYA M. Ç. , Nikoo M. S. , Schwartz M. L. , Oguztuzun H.
SENSORS, vol.20, no.2, 2020 (Journal Indexed in SCI)
- III. **Predetermined Rollbacks: An extension to Time Warp for spatially parallel agent-based simulation**
Gorur B. K. , İMRE K. M. , Oguztuzun H., Yilmaz L.
SIMULATION MODELLING PRACTICE AND THEORY, vol.95, pp.60-77, 2019 (Journal Indexed in SCI)
- IV. **On the use of model-driven engineering principles for the management of simulation experiments**
Dayibas O., Oguztuzun H., Yilmaz L.
JOURNAL OF SIMULATION, vol.13, no.2, pp.83-95, 2019 (Journal Indexed in SCI)
- V. **Internet of Measurement Things: Toward an Architectural Framework for the Calibration Industry**
Nikoo M. S. , KAYA M. Ç. , Schwartz M. L. , Oguztuzun H.
INTERNET OF THINGS IN THE INDUSTRIAL SECTOR: SECURITY AND DEVICE CONNECTIVITY, SMART ENVIRONMENTS, AND INDUSTRY 4.0, pp.81-102, 2019 (Journal Indexed in SCI)

- VI. **Schedulability analysis of real-time multiframe cosimulations on multicore platforms**
Ahsan M. U. , Ozguztuzun H.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.5, pp.3599-3614, 2019
(Journal Indexed in SCI)
- VII. **Memory Coalescing Implementation of Metropolis Resampling on Graphics Processing Unit**
Dulger O., Oguztuzun H., DEMİREKLER M.
JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY, vol.90, no.3, pp.433-447, 2018 (Journal Indexed in SCI)
- VIII. **Usability evaluation of a web-based ontology browser: the case of TSONT**
Karakus Yilmaz T., DURAK U., Oguztuzun H., ÇAĞILTAY K.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.2, pp.1115-1128, 2018
(Journal Indexed in SCI)
- IX. **A survey on location estimation techniques for events detected in Twitter**
Ozdikis O., Oguztuzun H., Karagöz P.
KNOWLEDGE AND INFORMATION SYSTEMS, vol.52, pp.291-339, 2017 (Journal Indexed in SCI)
- X. **Evidential estimation of event locations in microblogs using the Dempster–Shafer theory**
Ozdikis O., Oguztuzun H., Karagöz P.
Information Processing and Management, vol.52, no.6, pp.1227-1246, 2016 (Journal Indexed in SCI Expanded)
- XI. **Attribute-based variability in feature models**
Karatas A. S. , Oguztuzun H.
REQUIREMENTS ENGINEERING, vol.21, no.2, pp.185-208, 2016 (Journal Indexed in SCI)
- XII. **Dynamic simulation metamodeling using MARS: A case of radar simulation**
Bozagac D., BATMAZ İ., Oguztuzun H.
MATHEMATICS AND COMPUTERS IN SIMULATION, vol.124, pp.69-86, 2016 (Journal Indexed in SCI)
- XIII. **A Methodology for Resolution Mapping for Cross-Resolution Simulation using Event-B**
Kara A., Oguztuzun H., Alpdemir M. N.
COMPUTER JOURNAL, vol.58, no.11, pp.2804-2823, 2015 (Journal Indexed in SCI)
- XIV. **Indexing Fuzzy Spatiotemporal Data for Efficient Querying: A Meteorological Application**
Sozer A., YAZICI A., Oguztuzun H.
IEEE TRANSACTIONS ON FUZZY SYSTEMS, vol.23, no.5, pp.1399-1413, 2015 (Journal Indexed in SCI)
- XV. **Transformation of Conceptual Models to Executable High-Level Architecture Federation Models**
Ozhan G., Oguztuzun H.
CONCEPTS AND METHODOLOGIES FOR MODELING AND SIMULATION: A TRIBUTE TO TUNCER OREN, pp.135-173, 2015 (Journal Indexed in SCI)
- XVI. **From extended feature models to constraint logic programming**
KARATAS A. S. , Oguztuzun H., Dogru A. H.
SCIENCE OF COMPUTER PROGRAMMING, vol.78, no.12, pp.2295-2312, 2013 (Journal Indexed in SCI)
- XVII. **Layered simulation architecture: A practical approach**
Topcu O., Oguztuzun H.
SIMULATION MODELLING PRACTICE AND THEORY, vol.32, pp.1-14, 2013 (Journal Indexed in SCI)
- XVIII. **Modeling Product Line Software Assets Using Domain-Specific Kits**
ALTINTAS N. I. , CETIN S., Dogru A. H. , Oguztuzun H.
IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, vol.38, no.6, pp.1376-1402, 2012 (Journal Indexed in SCI)
- XIX. **Supporting dynamic simulations with Simulation Modeling Architecture (SiMA): a Discrete Event System Specification-based modeling and simulation framework**
Deniz F., Alpdemir M. N. , Kara A., Oguztuzun H.
SIMULATION-TRANSACTIONS OF THE SOCIETY FOR MODELING AND SIMULATION INTERNATIONAL, vol.88, no.6, pp.707-730, 2012 (Journal Indexed in SCI)
- XX. **Towards interoperable and composable trajectory simulations: an ontology-based approach**
Durak U., Oguztuzun H., Algin C. K. , Ozdikis O.
JOURNAL OF SIMULATION, vol.5, no.3, pp.217-229, 2011 (Journal Indexed in SCI)

- XXI. **Model-based code generation for HLA federates**
Adak M., Topcu O., Oguztuzun H.
SOFTWARE-PRACTICE & EXPERIENCE, vol.40, no.2, pp.149-175, 2010 (Journal Indexed in SCI)
- XXII. **Querying Fuzzy Spatiotemporal Databases: Implementation Issues**
Soezer A., YAZICI A., Oguztuzun H., Petry F. E.
UNCERTAINTY APPROACHES FOR SPATIAL DATA MODELING AND PROCESSING: A DECISION SUPPORT PERSPECTIVE, vol.271, pp.97-116, 2010 (Journal Indexed in SCI)
- XXIII. **ONTOLOGY-BASED DOMAIN ENGINEERING FOR TRAJECTORY SIMULATION REUSE**
Durak U., Oguztuzun H., Ider S. K.
INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING, vol.19, no.8, pp.1109-1129, 2009 (Journal Indexed in SCI)
- XXIV. **Metamodeling live sequence charts for code generation**
Topcu O., Adak M., Oguztuzun H.
SOFTWARE AND SYSTEMS MODELING, vol.8, no.4, pp.567-583, 2009 (Journal Indexed in SCI)
- XXV. **Modeling and querying fuzzy spatiotemporal databases**
Soezer A., YAZICI A., Oguztuzun H., Tas O.
INFORMATION SCIENCES, vol.178, no.19, pp.3665-3682, 2008 (Journal Indexed in SCI)
- XXVI. **A metamodel for federation architectures**
Topcu O., Adak M., Oguztuzun H.
ACM TRANSACTIONS ON MODELING AND COMPUTER SIMULATION, vol.18, no.3, 2008 (Journal Indexed in SCI)
- XXVII. **Ontology-based trajectory simulation framework**
Durak U., Oguztuzun H., Ider S. K.
JOURNAL OF COMPUTING AND INFORMATION SCIENCE IN ENGINEERING, vol.8, no.1, 2008 (Journal Indexed in SCI)
- XXVIII. **Developing an HLA-based naval maneuvering simulation**
Topcu O., Oguztuzun H.
NAVAL ENGINEERS JOURNAL, vol.117, no.1, pp.23-40, 2005 (Journal Indexed in SCI)
- XXIX. **Multilevel graph partitioning: an evolutionary approach**
Kucupetek S., Polat F., Oguztuzun H.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.56, no.5, pp.549-562, 2005 (Journal Indexed in SCI)
- XXX. **Proof of the basic theorem on concept lattices in Isabelle/HOL**
Sertkaya B., Oguztuzun H.
COMPUTER AND INFORMATION SCIENCES - ISCIS 2004, PROCEEDINGS, vol.3280, pp.976-985, 2004 (Journal Indexed in SCI)
- XXXI. **A FRAGMENT OF 1ST-ORDER LOGIC ADEQUATE FOR OBSERVATION EQUIVALENCE**
OGUZTUZUN H.
LECTURE NOTES IN COMPUTER SCIENCE, vol.626, pp.278-292, 1992 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Incremental clustering with vector expansion for online event detection in microblogs**
Ozdikis O., KARAGÖZ P., Oguztuzun H.
SOCIAL NETWORK ANALYSIS AND MINING, vol.7, no.1, 2017 (Journal Indexed in ESCI)
- II. **Dynamic and context based interoperability to support infrastructure management in municipalities**
TUFAN E., OĞUZTÜZÜN M. H. S. , AKYÜREK S. Z.
Journal of the Urban and Regional Information Systems Association, vol.26, no.2, pp.33-49, 2015 (Refereed Journals of Other Institutions)
- III. **DDS based MIL-STD-1553B Data Bus interface simulation**
Deniz E., Durak U., Guclu K., Oguztuzun H.
JOURNAL OF DEFENSE MODELING AND SIMULATION-APPLICATIONS METHODOLOGY TECHNOLOGY-JDMS, vol.12,

no.2, pp.179-188, 2015 (Journal Indexed in ESCI)

- IV. **Dynamic and context-based GIS interoperability to support infrastructure management in municipalities**
Emrah T., AKYÜREK S. Z. , OĞUZTÜZÜN M. H. S.
URISA Journal, vol.26, no.2, pp.33-50, 2015 (Refereed Journals of Other Institutions)
- V. **Feature Modeling and Automated Analysis for a Digital Television Product Family**
Fedakar Gönül G., OĞUZTÜZÜN M. H. S. , KARATAŞ A. S.
International Journal of Computer and Electrical Engineering, vol.6, no.4, pp.358-364, 2014 (Refereed Journals of Other Institutions)
- VI. **GoalDAG – Archimate integration**
Gungor C., Gungor C., Oguztuzun H.
Communications in Computer and Information Science, vol.465, pp.194-210, 2014 (Refereed Journals of Other Institutions)
- VII. **USING CONTEXT INFORMATION FOR STAGED CONFIGURATION OF FEATURE MODELS**
KARATAŞ A. S. , DOĞRU A. H. , Oguztuzun H., Tolun M.
JOURNAL OF INTEGRATED DESIGN & PROCESS SCIENCE, vol.15, no.2, pp.37-51, 2011 (Journal Indexed in ESCI)
- VIII. **Scenario management practices in HLA based distributed simulation**
TOPÇU O., OĞUZTÜZÜN M. H. S.
Journal of Naval Science and Engineering, vol.6, no.2, pp.1-33, 2010 (Other Refereed National Journals)
- IX. **Modeling of Field Artillery Tasks with Live Sequence Charts**
Ozhan G., Oguztuzun H., Evrensel P.
JOURNAL OF DEFENSE MODELING AND SIMULATION-APPLICATIONS METHODOLOGY TECHNOLOGY-JDMS, vol.5, no.4, pp.219-252, 2008 (Journal Indexed in ESCI)

Books & Book Chapters

- I. **Internet of Measurement Things: Toward an Architectural Framework for the Calibration Industry**
Saeedi Nikoo M., Kaya M. Ç. , Schwartz M. L. , Oğuztüzün M. H. S.
in: The Internet of Things in the Industrial Sector, Mahmood Z., Editor, Springer-Verlag , Zürich, pp.81-102, 2019
- II. **Guide to Distributed Simulation with HLA**
TOPÇU O., OĞUZTÜZÜN M. H. S.
Springer International Publishing, Cham, 2017
- III. **Distributed Simulation A Model Driven Engineering Approach**
TOPÇU O., DURAK U., OĞUZTÜZÜN M. H. S. , YILMAZ L.
Springer, Zürich, 2016
- IV. **Extracting location information from crowd-sourced social network data**
KARAGÖZ P., OĞUZTÜZÜN M. H. S. , ÇAKICI R., ÖZDİKİŞ Ö., ÖNAL K. D. , SAĞCAN M.
in: European Handbook of Crowdsourced Geographic Information, Capineri, C, Haklay, M, Huang, H, Antoniou, V, Kettunen, J, Ostermann, F and Purves, R , Editor, Ubiquity Press, Londrina, pp.195-204, 2016
- V. **Transformation of conceptual models to executable High Level Architecture federation models**
ÖZHAN G., OĞUZTÜZÜN M. H. S.
in: Concepts and Methodologies for Modeling and Simulation, Yilmaz, Levent, Editor, Springer, pp.135-173, 2015
- VI. **Context based semantic relations in tweets**
Özdikiş Ö., Karagöz P., Oğuztüzün M. H. S.
in: State of the Art Applications of Social Network Analysis, Can F, Özyer T, Polat F, Editor, Springer, Zürich, pp.35-52, 2014
- VII. **Querying fuzzy spatio-temporal databases: Implementation issues**
SÖZER A., YAZICI A., OĞUZTÜZÜN M. H. S. , PETRY F.
in: Uncertainty Approaches for Spatial Data Modeling and Processing: A Decision Support Perspective (Studies in Computational Intelligence, vol. 271), J. Kacprzyk, F.E. Petry, A. Yazıcı, Editor, Springer, Heidelberg, pp.97-116, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Transformation from SysML to RePast and Back**
Çam S., Görür B. K., Ledet J., Oğuztüzün H., Yılmaz L.
11th International Conference on Ambient Systems, Networks and Technologies, ANT 2020 / 3rd International Conference on Emerging Data and Industry 4.0, EDI40 2020 / Affiliated Workshops, Warszawa, Poland, 6 - 09 April 2020, vol.170, pp.845-850
- II. **Variability Extension to SparkS, a Domain Specific Scripting Language for Electronic Test Equipment**
Nikoo M. S., Oguztuzun H.
4th International Conference on Computer Science and Engineering, UBMK 2019, Samsun, Turkey, 11 - 15 September 2019, pp.767-772
- III. **Contribution of the resampling stage to the execution time of particle filter Yeniden örnekleme adiminin parçacık süzgecinin çalışma zamanına katkisi**
Dulger O., Oguztuzun H.
27th Signal Processing and Communications Applications Conference, SIU 2019, Sivas, Turkey, 24 - 26 April 2019
- IV. **An MII-Aware SoA Editor for the Industrial Internet of Things**
Nikoo M. S., KAYA M. Ç., Schwartz M. L., Oguztuzun H.
2nd IEEE International Workshop on Metrology for Industry 4.0 and Internet of Things (IoT) (MetroInd4.0 and IoT), Naples, Italy, 4 - 06 June 2019, pp.213-218
- V. **Contribution of the Resampling Stage to the Execution Time of Particle Filter**
Dulger O., Oguztuzun H.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- VI. **A CONFIGURABLE GATEWAY FOR DDS-HLA INTEROPERABILITY**
KAYA M. Ç., KARAMANLIOĞLU A., Cetintas I. C., Cilden E., Canberi H., Oguztuzun H.
Summer Simulation Conference (SummerSim), Berlin, Germany, 22 - 24 July 2019
- VII. **Dynamic constraint satisfaction algorithm for online feature model reconfiguration**
Entekhahi S., KARATAŞ A. S., Oguztuzun H.
6th International Conference on Control Engineering and Information Technology, CEIT 2018, İstanbul, Turkey, 25 - 27 October 2018
- VIII. **Non-coalesced Access Patterns of Global Memory Load Transactions in Metropolis Resampling Implemented on Graphics Processing Unit**
Dulger O., Oguztuzun H.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- IX. **Migration of Data from Relational Database to Graph Database**
Unal Y., Oguztuzun H.
8th ACM International Conference on Information Systems and Technologies (ACM ICIST), İstanbul, Turkey, 16 - 18 March 2018
- X. **Supporting Simulation Experiments with Megamodeling**
Cam S., Dayibas O., Gorur B. K., OĞUZTÜZÜN M. H. S., Yılmaz L., Chakladar S., Doud K., Smith A. E., Teran-Somohano A.
6th International Conference on Model-Driven Engineering and Software Development (MODELSWARD), Funchal, Portugal, 22 - 24 January 2018, pp.372-378
- XI. **MODELS AS SELF-AWARE COGNITIVE AGENTS AND ADAPTIVE MEDIATORS FOR MODEL-DRIVEN SCIENCE**
Yılmaz L., Chakladar S., Doud K., Smith A. E., Teran-Somohano A., Oguztuzun H., Cam S., Dayibas O., Gorur B. K.
Winter Simulation Conference (WSC), Nevada, United States Of America, 3 - 06 December 2017, pp.1300-1311
- XII. **DDS-HLA birlikte çalışabilirlik yaklaşımları üzerine bir literatür araştırması**
KAYA M. Ç., ÇILDEN E., CANBERİ H., OĞUZTÜZÜN M. H. S.
Ulusal Savunma Uygulamaları Modelleme ve Simülasyon Konferansı, Ankara, Turkey, 21 - 23 November 2017
- XIII. **Blocks and Text Integration in a Language-Based Editor for a Domain-Specific Language**
Altuncu E., Bilgehan B. K., Kartal Y. S., Kizilgunes S., Nikoo M. S., Oguztuzun H.

2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.1084-1089

- XIV. **An incremental constraint satisfaction algorithm for dynamic reconfiguration**
ENTEKHABÍ S., KARATAŞ A. S. , OĞUZTÜZÜN M. H. S.
Workshop on Dependability, İzmir, Turkey, 08 May 2017
- XV. **Adaptive framework for remote monitoring and management of computer systems**
YALÇIN G., OĞUZTÜZÜN M. H. S.
World Electro Mobility Conference (WELMO), İzmir, Turkey, 4 - 05 May 2017, pp.25-30
- XVI. **A Reflexion Model based Architecture Conformance Analysis Toolkit for OSGi-compliant Applications**
Cilden E., Oguztuzun H.
IEEE International Conference on Software Architecture (ICSA), Gothenburg, Sweden, 3 - 07 April 2017, pp.265-268
- XVII. **Improving the performance of optimistic time management mechanism with sub-state saving**
Görür B. K. , Imre K., Oğuztüzün H., Yılmaz L.
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- XVIII. **System entity structure and model base framework in model based engineering of simulations for technical systems**
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Citations

Total Citations (WOS):322

h-index (WOS):11