Prof. FERDA NUR ALPASLAN

Personal Information

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International Researcher IDs
ScholarID: OydiLPQAAAAJ
ORCID: 0000-0002-9806-1543
Publons / Web Of Science ResearcherID: ABA-4259-2020
ScopusID: 6701519251
Yoksis Researcher ID: 6119

Education Information

Doctorate, University of North Texas, Faculty Of Arts And Sciences, Computer Science Department, United States Of
America 1990 - 1993
Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Bilgisayar Mühendisliği
(Yl) (Tezli), Turkey 1985 - 1988
Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey
1980 - 1985

Foreign Languages

English, C1 Advanced

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering,
1999 - 2011
Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering,
1996 - 1999

Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Computer
Engineering, 2017 - Continues

Courses

RESEARCH METHODS AND ETHİCS, Postgraduate, 2021 - 2022
Logic for Computer Science, Undergraduate, 2021 - 2022
ArtificiAL ıNTELLİGENCE, Undergraduate, 2021 - 2022

Advising Theses

ALPASLAN F. N., Detection and management of personal data with an ontology-based approach, Postgraduate,
P.BİL(Student), 2022
ALPASLAN F. N., Level generation using genetic algorithms and difficulty testing using reinforcement learning in match-3
game, Postgraduate, S.ALP(Student), 2021
ALPASLAN F. N., Learning a partially-observable card game hearts using reinforcement learning, Postgraduate,
B.Kaan(Student), 2020
ALPASLAN F. N., TD-Gammon revisited: integrating invalid actions and dice factor in continuous action and observation
space, Postgraduate, E.DENİZ(Student), 2018
ALPASLAN F. N., An incentive payment model to future communication networks, Postgraduate, F.KIHTIR(Student),
2018
ALPASLAN F. N., Optical flow based video frame segmentation and segment classification, Doctorate,
S.AKPINAR(Student), 2018
ALPASLAN F. N., Coil sensitivity map calculation using Biot-Savart Law at 3 tesla and parallel imaging in MRI, Doctorate,
Y.EMRE(Student), 2017
ALPASLAN F. N., Social media image classification using deep convolutional neural networks, Postgraduate,
Ç.UTKU(Student), 2017
ALPASLAN F. N., An ontology-based expert system to detect service level agreement violations, Postgraduate,
A.KARAMANLIOĞLU(Student), 2017
ALPASLAN F. N., Agent learning in fully observable, continuous and real-time game environments, Postgraduate,
Ö.BAYKAL(Student), 2016
ALPASLAN F. N., Design and development of medical recommendation system for home care service for geriatrics,
Postgraduate, S.İREM(Student), 2015
ALPASLAN F. N., Detection of churners in internet games using CRM approach: a case study on pishti plus, Postgraduate,
P.Ercan(Student), 2015
ALPASLAN F. N., Detection of churners in internet games using crm approach: A case study on pishti plus, Postgraduate,
P.ERCAN(Student), 2015
ALPASLAN F. N., 3D analysis of the binding sites for predicting binding affinities in drug design, Postgraduate,
A.OSMAN(Student), 2014
ALPASLAN F. N., Variable shaped detector : a negative selection algorithm, Doctorate, Z.Ataser(Student), 2013
ALPASLAN F. N., Classification of electricity customers based on real consumption values using data mining and machine
learning techniques and its corresponding applications, Postgraduate, M.TUĞBERK(Student), 2013
ALPASLAN F. N., Simple and complex behavior learning using behavior hidden Markov model and CobART, Doctorate,
S.SABRİ(Student), 2013
ALPASLAN F. N., A scalable collaborative filtering system using distance measures of social network, Postgraduate,
İ.MELİH(Student), 2013
ALPASLAN F. N., Predicting the binding affinities of drug-protein interaction by analyzing the images of binding sites,
Doctorate, Ö.ERDAŞ(Student), 2013
ALPASLAN F. N., A comparison of different recommendation techniques for a hybrid mobile game recommender system,
Postgraduate, H.NATU(Student), 2012
ALPASLAN F. N., Hierarchical behavior categorization using correlation based adaptive resonance theory, Doctorate,
M.YAVAŞ(Student), 2011
ALPASLAN F. N., Predicting the effect of hydrophobicity surface on binding affinity of pcp-like compounds using machine
learning methods, Postgraduate, M.YOLDAŞ(Student), 2011

ALPASLAN F. N., Text Summarization Using Latent Semantic Analysis, Postgraduate, M.GÜLÇİN(Student), 2011

ALPASLAN F. N., ÇİÇEKLİ F. N., Probabilistic latent semantic analysis based framework for hybrid social recommender systems, Postgraduate, E.ERYOL(Student), 2010

ALPASLAN F. N., A hybrid recommendation system capturing the effect of time and demographic data, Postgraduate, F.OKTAY(Student), 2010

ALPASLAN F. N., A content boosted collaborative filtering approach for recommender systems based on multi level and bidirectional trust data, Postgraduate, F.ŞAHİNKAYA(Student), 2010

ALPASLAN F. N., A content based movie recommendation system empowered by collaborative missing data prediction, Postgraduate, H.KARAMAN(Student), 2010

ALPASLAN F. N., Ontology population using human computation, Postgraduate, G.KEMAL(Student), 2010

ALPASLAN F. N., Ontology learning and question answering (QA) systems, Postgraduate, M.BAŞKURT(Student), 2010

ALPASLAN F. N., A content boosted collaborative filtering approach for movie recommendation based on local & global similarity and missing data prediction, Postgraduate, G.Özbal(Student), 2009

ALPASLAN F. N., A content boosted collaborative filtering approach for movie recommendation based on local and global user similarity and missing data prediction, Postgraduate, G.ÖZBAL(Student), 2009

ALPASLAN F. N., Using model generation theorem provers for the computation of answer sets, Doctorate, O.SABUNCU(Student), 2009

ALPASLAN F. N., Using social graphs in one-class collaborative filtering problem, Postgraduate, H.KAYA(Student), 2009

ALPASLAN F. N., Improvement of corpus-based semantic word similarity using vector space model, Postgraduate, Y.EMRE(Student), 2009

ALPASLAN F. N., Sentiment analysis in Turkish, Postgraduate, U.Eroğul(Student), 2009

ALPASLAN F. N., A multi-agent adaptive learning system for distance education, Doctorate, F.CEMİLE(Student), 2008

ALPASLAN F. N., Modelling and predicting binding affinity of PCP-like compounds using machine learning methods, Postgraduate, Ö.ERDAS(Student), 2007

ALPASLAN F. N., Ontology based semantic retrieval of video contents using metadata, Postgraduate, S.AKPINAR(Student), 2007

ALPASLAN F. N., A control system using behaviour hierarchies and neuro-fuzzy approach, Postgraduate, D.ARSLAN(Student), 2005

ALPASLAN F. N., Memetic algorithms for timerabling problems in pricate schools, Postgraduate, D.Aldoğan(Student), 2005

ALPASLAN F. N., Animating character navigation using motion graphs, Postgraduate, G.ALANKUŞ(Student), 2005

ALPASLAN F. N., Memetic algorithms for timetabling problems in private schools, Postgraduate, D.ALDOĞAN(Student), 2005

ALPASLAN F. N., A study in combinatorial auctions, Postgraduate, B.BİLGE(Student), 2004

ALPASLAN F. N., Data mining for rule discovery in relational databases, Postgraduate, S.TOPRAK(Student), 2004

ALPASLAN F. N., A study combinatorial auctions, Postgraduate, B.Bilge(Student), 2004

ALPASLAN F. N., Data mining for rule discovery in relatonal databases, Postgraduate, S.Toprak(Student), 2004

ALPASLAN F. N., Comparison of rough multi layer perceptron and rough radial basis function networks using fuzzy attributes, Postgraduate, H.Vural(Student), 2004

ALPASLAN F. N., Comparison of rough MLP and rough RBF using fuzzy attributes, Postgraduate, H.VURAL(Student), 2004

ALPASLAN F. N., AKKAYA A., Bayesian learning under nonnormality, Postgraduate, Y.ELİF(Student), 2004

ALPASLAN F. N., A behavior based robot control system using neuro-fuzzy approach, Postgraduate, D.ÖGÜT(Student), 2003

ALPASLAN F. N., A behavior based robot contol system architecture for navigation in environments with randomly allocated walls, Postgraduate, B.ALTUNTAŞ(Student), 2003

ALPASLAN F. N., A behavior based robot control system architecture for navigation environments with randomly allocated walls, Postgraduate, B.Altuntaş(Student), 2003

ALPASLAN F. N., A temporal neuro-fuzzy approach for time-series analysis, Doctorate, N.ARZU(Student), 2003

ALPASLAN F. N., Development of an intelligent tutoring system for distance education at master's level, Postgraduate, Y.YEŞİLTAŞ(Student), 2003

ALPASLAN F. N., Using criticalities as a heuristic for answer set programming., Postgraduate, O.SABUNCU(Student), 2002

ALPASLAN F. N., A Machine learning approach to two-voice counterpoint composition, Postgraduate, K.ADİLOĞLU(Student), 2002

ALPASLAN F. N., A Behaviour-based robot control system using adaptive heuristic critic, Postgraduate, Ö.SİNAN(Student), 2002

ALPASLAN F. N., Using stable model semantics (SMODELS) in the causal calculator (CCALC), Postgraduate, S.DOĞANDAĞ(Student), 2002

ALPASLAN F. N., A Behavior-based design for purposeful navigation and map construction, Postgraduate, Ö.ALAN(Student), 2002

ALPASLAN F. N., A Collaboration tool for distance education, Postgraduate, H.ÖZGÜR(Student), 2002

ALPASLAN F. N., Using stable model semantics (smodels) in the causal calculator (CCALC)., Postgraduate, S.Doğandağ(Student), 2002

ALPASLAN F. N., A behaviour-based design for purposeful navigation and map construction., Postgraduate, Ö.Alan(Student), 2002

ALPASLAN F. N., A behavior-based robot control system using adaptive heuristic critic learning., Postgraduate, Ö.Sinan(Student), 2002

ALPASLAN F. N., Visualizing transition diagrams of action language programs, Postgraduate, Ö.KOÇ(Student), 2001

ALPASLAN F. N., Translation of workflow specifications to the action description language C., Postgraduate, E.HASDAL(Student), 2001

ALPASLAN F. N., Development of an intelligent agent for distance learning, Postgraduate, B.ÖZDEMİR(Student), 2000

ALPASLAN F. N., Integration of a web based adaptive and intelligent education systems into METU-Online, Postgraduate, A.Giray(Student), 2000

ALPASLAN F. N., Integration of web based adaptive and intelligent education system into METU-online, Postgraduate, A.GİRAY(Student), 2000

ALPASLAN F. N., A temporal neural network model for sequence learning, Postgraduate, B.Aydemir(Student), 1999

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Middle East Technical University, June, 2022

Associate Professor Exam, Associate Professor Exam, Middle East Technical University, June, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Hacettepe Üniversitesi, May, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atılım Üniversitesi, May, 2022

Doctoral Examination, Doctoral Examination, Orta Doğu Teknik Üniversitesi, November, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Orta Doğu Teknik Üniversitesi, June, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2021

Doctoral Examination, Doctoral Examination, Orta Doğu Teknik Üniversitesi, May, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Orta Doğu Teknik Üniversitesi, January, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, January, 2021

Associate Professor Exam, Associate Professor Exam, Istanbul Bilgi University, November, 2020

Associate Professor Exam, Associate Professor Exam, Yasar University, August, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Konya Food And Agriculture University, February, 2020

Associate Professor Exam, Associate Professor Exam, Suleyman Demirel University, February, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

I. **The reusability prior: comparing deep learning models without training**
Polat A. G., ALPASLAN F. N.
Machine Learning: Science and Technology, vol.4, no.2, 2023 (SCI-Expanded)

II. **Learning to play an imperfect information card game using reinforcement learning**
Alpaslan F. N., Baykal Ö., Demirdöver B. K.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.1, no.1, pp.1-16, 2022 (SCI-Expanded)

III. **Next-Generation Payment System for Device-to-Device Content and Processing Sharing**
Kihtir F., Yazıcı M. A., Oztoprak K., Alpaslan F. N.
SENSORS, vol.22, no.7, 2022 (SCI-Expanded)

IV. **Three-Dimensional Analysis of Binding Sites for Predicting Binding Affinities in Drug Design**
Erdas-Cicek O., Atac A. O., Gurkan-Alp A. S., Buyukbingol E., ALPASLAN F. N.
JOURNAL OF CHEMICAL INFORMATION AND MODELING, vol.59, no.11, pp.4654-4662, 2019 (SCI-Expanded)

V. **An application of CIFAP for predicting the binding affinity of Chk1 inhibitors derived from 2-aminothiazole-4-carboxamide**
Konyar D., Erdas O., Alpaslan F. N., Buyukbingol E.
JOURNAL OF MOLECULAR RECOGNITION, vol.30, 2017 (SCI-Expanded)

VI. **A novel optical flow-based representation for temporal video segmentation**
Akpınar S., Alpaslan F. N.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, pp.3983-3993, 2017 (SCI-Expanded)

VII. **MRI image enhancement using Biot-Savart law at 3 tesla**
Esin Y. E., Alpaslan F. N.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, pp.3381-3396, 2017 (SCI-Expanded)

VIII. **Compressed images for affinity prediction-2 (CIFAP-2): an improved machine learning methodology on protein-ligand interactions based on a study on caspase 3 inhibitors**
Erdas O., Andac C. A., Gurkan-Alp A. S., Alpaslan F. N., Buyukbingol E.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, pp.809-815, 2015 (SCI-Expanded)

IX. **Compressed images for affinity prediction (CIFAP): a study on predicting binding affinities for checkpoint kinase 1 protein inhibitors**
Erdas O., Andac C. A., Gurkan-Alp A. S., Alpaslan F. N., Buyukbingol E.
JOURNAL OF CHEMOMETRICS, vol.27, pp.155-164, 2013 (SCI-Expanded)

X. **Simple and complex behavior learning using behavior hidden Markov model and CobART**
Seyhan S. S., Alpaslan F. N., Yavaş M.
NEUROCOMPUTING, vol.103, pp.121-131, 2013 (SCI-Expanded)

XI. **An ontology-based retrieval system using semantic indexing**
KARA S., ALAN O., Sabuncu O., Akpinar S., Cicekli N. K., Alpaslan F. N.
INFORMATION SYSTEMS, vol.37, no.4, pp.294-305, 2012 (SCI-Expanded)

XII. **The temporal communication behaviors of global software student teams**
SWİGGER K., Hoyt M., Serce F. C., Lopez V., Alpaslan F. N.
COMPUTERS IN HUMAN BEHAVIOR, vol.28, no.2, pp.384-392, 2012 (SSCI)

XIII. **Hierarchical behavior categorization using correlation based adaptive resonance theory**
Yavaş M., Alpaslan F. N.
NEUROCOMPUTING, vol.77, pp.71-81, 2012 (SCI-Expanded)

XIV. **A Content-Boosted Collaborative Filtering Approach for Movie Recommendation Based on Local and Global Similarity and Missing Data Prediction**
Özbal G., Karaman H., Alpaslan F. N.
COMPUTER JOURNAL, vol.54, pp.1535-1546, 2011 (SCI-Expanded)

XV. **Text summarization using Latent Semantic Analysis**
Ozsoy M. G., Alpaslan F. N., Çiçekli İ.

JOURNAL OF INFORMATION SCIENCE, vol.37, pp.405-417, 2011 (SCI-Expanded)

XVI. **Online collaboration: Collaborative behavior patterns and factors affecting globally distributed team performance**
Serce F. C., Swigger K., Alpaslan F. N., Brazile R., Dafoulas G., Lopez V.
COMPUTERS IN HUMAN BEHAVIOR, vol.27, pp.490-503, 2011 (SSCI)

XVII. **Modeling and predicting binding affinity of phencyclidine-like compounds using machine learning methods**
Erdas O., Buyukbingol E., Alpaslan F. N., Adejare A.
JOURNAL OF CHEMOMETRICS, vol.24, pp.1-13, 2010 (SCI-Expanded)

XVIII. **Adaptive neuro-fuzzy inference system (ANFIS): A new approach to predictive modeling in QSAR applications: A study of neuro-fuzzy modeling of PCP-based NMDA receptor antagonists**
Buyukbingol E., Sisman A., Akyıldız M., Alparslan F. N., Adejare A.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.15, pp.4265-4282, 2007 (SCI-Expanded)

XIX. **A machine learning approach to two-voice counterpoint composition**
Adiloglu K., Alpaslan F. N.
KNOWLEDGE-BASED SYSTEMS, vol.20, pp.300-309, 2007 (SCI-Expanded)

XX. **ANFIS_unfolded_in_time for multivariate time series forecasting**
Sisman-Yilmaz N., Alpaslan F. N., Jain L.
NEUROCOMPUTING, vol.61, pp.139-168, 2004 (SCI-Expanded)

XXI. **Effects of culture on computer-supported international collaborations**
Swigger K., Alpaslan F. N., Brazile R., Monticino M.
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER STUDIES, vol.60, no.3, pp.365-380, 2004 (SCI-Expanded)

XXII. **A temporal neural network model for constructing connectionist expert system knowledge bases**
CivelekAlpaslan F. N., Swigger K.
JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, vol.19, no.2, pp.119-133, 1996 (SCI-Expanded)

Articles Published in Other Journals

I. **Exploring the communication behaviour among global software development learners**
serçe f. c., Swigger k., ALPASLAN F. N., brazile r., Dafoulas g., Cabrera V. L.
INTERNATIONAL JOURNAL OF COMPUTER APPLICATIONS IN TECHNOLOGY, vol.40, no.3, pp.203, 2011 (Scopus)

II. **Intelligent learning system for online learning**
serçe f. c., ALPASLAN F. N., Jain L.
International Journal of Hybrid Intelligent Systems, vol.5, no.3, pp.129-141, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

I. **GDPR and FAIR compliant decision support system design for triage and disease detection**
KARAMANLIOĞLU A., Sunar E. T., Çetin C., Akça G., Merdanoğlu H., Doğan O. T., ALPASLAN F. N.
in: In Advances in Intelligent Systems and Computing, Shahram Latifi, Editor, Springer, pp.331-338, 2023

II. **Creating Smarter Teaching and Training Environments: Innovative Set-Up for Collaborative Hybrid Learning**
DAFOULAS g., MAİA C., LOOMES M., SERÇE f. c., SWİGGER k., BRAZİLE r., CABRERA V. L., ALPASLAN F. N.
in: Ambient Intelligence and Smart Environments, Novais, P. Konomi, S., Editor, IOS, 2016

III. **Optical flow-based representation for video action detection**
AKPINAR s., ALPASLAN F. N.
in: Emerging Trends in Image Processing, Computer Vision and Pattern Recog, Leonidas Deligiannidis, Hamid Arabnia, Editor, Morgan Kaufmann, 2014

IV. **A New Adaptive Intelligent Learning System**

SERÇE f. c., ALPASLAN F. N., JAİN L.

in: The Handbook on Reasoning-based Intelligent Systems (AIKP Series, K. Nakamatsu , L.C. Jain, Editor, World Scientific, 2012

V. **A Content Boosted Collaborative Filtering Approach for Movie Recommendation Based on Local & Global Similarity and Missing Data Prediction**

Özbal G., Karaman H., ALPASLAN F. N.

in: Lecture Notes in Electrical Engineering, Erol Gelenbe, Ricardo Lent, Georgia Sakellari, Ahmet Sacan, Hakki Toroslu, Adnan Yazici, Editor, Springer Science+Business Media B.V, pp.109-112, 2010

VI. **Fuzzy Multivariate Auto-regression Method and its Application**

ŞİŞMAN YILMAZ a., ALPASLAN F. N.

in: Applied Intelligent Systems: New Directions, J.Fulcher, Editor, Springer, 2004

VII. **An Intelligent Tutoring System for Student Guidance in Web-Based Courses**

ÖZDEMİR B., ALPASLAN F. N.

in: Virtual Environments for Teaching and Learning, L.C. Jain, R.J.Howlett, N.S. Ichalkaranje, G. Tonfoni, Editor, World Scientific, 2002

VIII. **Virtual AI Classroom: A Proposal**

ALPASLAN F. N., JAİN L.

in: Advances in Soft Computing: Hybrid Information Systems, A. Abraham, M. Köppen, Editor, Springer, 2002

Refereed Congress / Symposium Publications in Proceedings

I. **GDPR and FAIR compliant decision support system design for triage and disease detection**

KARAMANLIOĞLU A., ALPASLAN F. N.

20th Int'l Conf. on Information Technology- New Generations (ITNG 2023), United States Of America, 24 April 2023

II. **Reinforcement Learning in Card Game Environments Using Monte Carlo Methods and Artificial Neural Networks**

BAYKAL Ö., ALPASLAN F. N.

4th International Conference on Computer Science and Engineering, UBMK 2019, Samsun, Turkey, 11 - 15 September 2019, pp.618-623

III. **Supervised Learning in Football Game Environments Using Artificial Neural Networks**

BAYKAL Ö., ALPASLAN F. N.

Uluslararası Bilgisayar Bilimleri ve Mühendisliği Konferansı (UBMK'18), 20 - 23 September 2018

IV. **RHCS - A Clinical Recommendation System for Geriatric Patients**

BEŞİK İ., ALPASLAN F. N.

The 44th Int. Conf. on Very Large Databases (VLDB 2018), 27 - 31 August 2018

V. **An Ontology-Based Expert System to Detect Service Level Agreement Violations**

KARAMANLIOĞLU A., ALPASLAN F. N.

International Symposium on Business Modeling and Software Design (BMSD 2018), 2 - 04 July 2018

VI. **Creating Smarter Teaching and Training Environments: Innovative Set-Up for Collaborative Hybrid Learning**

Dafoulas G. A., Maia C., Loomes M., Serce F. C., Swigger K., Brazile R., Lopez V., ALPASLAN F. N., Milewski A.

12th International Conference on Intelligent Environments (IE), London, Canada, 12 - 16 September 2016, vol.21, pp.238-248

VII. **Using data analytics for collaboration patterns in distributed software team simulations**

Dafoulas G. A., Serce F. C., SWİGGER K., BRAZİLE R., Alpaslan F. N., Lopez V., Milewski A.

11th IEEE International Conference on Global Software Engineering (ICGSE), Irvine, United Kingdom, 2 - 05 August 2016, pp.43-48

VIII. **3D Analysis of the Binding Sites for Predicting Binding Affinities in Drug Design**

ATAÇ a. o., ERDAŞ Ö., ALPASLAN F. N., BÜYÜKBİNGÖL M. E.

Drug Discovery and Therapy World Congress 2015, 22 - 25 July 2015

IX. **Video Action Recognition Using an Optical Flow Based Representation**
Akpınar S., Alpaslan F. N.
The World Congress in Computer Science, Computer Engineering and Applied Computing (WorldComp), 2014.,
Nevada, United States Of America, 21 - 24 July 2014, pp.1-10

X. **Self-Adaptive Negative Selection using Local Outlier Factor**
ATASER Z., ALPASLAN F. N.
27th International Symposium on Computer and Information Sciences, ISCIS 2012, 3 - 05 September 2012

XI. **A content boosted collaborative filtering approach for movie recommendation based on local &
global similarity and missing data prediction**
Özbal G., Karaman H., ALPASLAN F. N.
25th International Symposium on Computer and Information Sciences, ISCIS 2010, London, England, 22 - 24
September 2010, vol.62 LNEE, pp.109-112

XII. **A Content Boosted Collaborative Filtering Approach for Movie Recommendation Based on Local
Global Similarity and Missing Data Prediction**
özbal g., kahraman h., ALPASLAN F.
25th International Symposium on Computer and Information Sciences, ISCIS 2010, 22 - 24 September 2010

XIII. **Text Summarization of Turkish Texts using Latent Semantic Analysis**
ÖZSOY m. g., ÇİÇEKLİ İ., ALPASLAN F. N.
The 23rd International Conference on Computational Linguistics (COLING 2010), 23 - 27 August 2010

XIV. **Using Content and Text Classification Methods to Characterize Team Performance**
SWİGGER k., ALPASLAN F. N., BRAZİLE r., DAFOULAS g., CABRERA V. L., SERÇE f. c.
IEEE International Conference Global Software Development, 23 - 26 August 2010

XV. **Event Boundary Detection Using Audio Visual Features and Web casting Texts with Imprecise Time
Information**
MÜJDAT B., ALAN Ö., SAMET A., ORKUNT S., ÇİÇEKLİ F. N., ALPASLAN F. N.
2010 IEEE International Conference on Multimedia and Expo (ICME 2010), 19 - 21 July 2010

XVI. **A Comparison of Team Performance Measures for Global Software Development Student Teams**
KATHLEEN S., CEMİLE S., ALPASLAN F. N., ROBERT B., GEORGE D., VİCTOR LOPEZ C.
IEEE International Conference on Global Software Engineering, 01 July 2009 - 03 July 2010

XVII. **Strategies and Guidelines for Building Effective Distributed Learning Teams in Higher Education**
SWİGGER k., ALPASLAN F. N., BRAZİLE r., DAFOULAS g., CABRERA V. L., SERÇE f. c.
9th International Conference on Information Technology Based Higher Education and Training (ITHET 2010), 29
April - 01 May 2010

XVIII. **Using Social Networks to Solve Data Sparsity Problem in One-Class Collaborative Filtering**
KAYA h., ALPASLAN F. N.
7th International Conference on Information Technology : New Generations (ITNG 2010), 12 - 14 April 2010

XIX. **The Challenges of Teaching Students How to Work in Global Software Teams**
SWİGGER k., ALPASLAN F. N., BRAZİLE r., DAFOULAS g., CABRERA V. L., SERÇE f. c.
Transforming Engineering Eduation (TEE'xx10) Conference, 6 - 09 April 2010

XX. **An Ontology-Based Retrieval System Using Semantic Indexing**
kara s., alan ö., SABUNCU O., akpınar s., ÇİÇEKLİ F. N., ALPASLAN F.
ICDE Workshop on Data Engineering meets the Semantic Web (DESWEB 2010), 5 March - 06 April 2010

XXI. **Dynamics of Collaborative Work in Global Software Development Environment**
SWİGGER k., ALPASLAN F. N., BRAZİLE r., DAFOULAS g., CABRERA V. L., SERÇE f. c.
e-Challenges 2009, 21 - 23 October 2009

XXII. **Event Extraction from Turkish Football Web-casting Texts Using Hand-crafted Templates**
Tunaoglu D., Alan O., Sabuncu O., Akpinar S., Cicekli N. K., ALPASLAN F. N.
3rd International Conference on Semantic Computing (ICSC 2009), California, United States Of America, 14 - 16
September 2009, pp.466-467

XXIII. **Improvement on Corpus-Based Word Similarity Using Vector-Space Models**

ESİN y. e., ALAN ö., ALPASLAN F. N.

24th International Symposium on Computer and Information Sciences (ISCIS'09), 14 - 16 September 2009

XXIV. **Event Extraction from Turkish Football Web casting Texts Using Supervised Templates**

DORUK T., ALAN Ö., ORKUNT S., SAMET A., ÇİÇEKLİ F. N., ALPASLAN F. N.

International Conference on Semantic Computing (ICSC 2009), 14 - 16 September 2009

XXV. **Comparison of Team Performance Measures for Global Software Development Learners**

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Scientific Consultations

STRATEK Stratejik Teknolojiler ArGe Ltd. Şirketi, Scientific Consultancy, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey, 2022 - Continues

SNG Bilişim Yazılım Ltd.Şti, Scientific Consultancy, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey, 2019 - Continues

NETAŞ Telekomünikasyon A.Ş, Project Consultancy, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey, 2021 - 2022

İNNOVA Bilişim Çözümleri A.Ş. , Project Consultancy, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey, 2021 - 2021

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Scientific Research / Working Group Memberships

Akıllı Sistemler Laboratuvarı, Middle East Technical University, Türkiye, https://ceng.metu.edu.tr/research/intelligent-systems-laboratory, 1997 - Continues

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Non Academic Experience

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