

Prof. Gökçe Nur Yılmaz

Personal Information

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Biography

Gokce Nur Yilmaz received her Ph.D. degree from the I-Lab Multimedia Communication Research Group, part of the Centre for Vision, Speech and Signal Processing, University of Surrey, UK, in 2011. She is a Professor at the Department of Computer Engineering and acts as the Head of the Department at TED University. Her entrepreneur and academic experience positions her to play a pivotal role in many multidisciplinary EU (e.g., Horizon, COST, etc.) and national (e.g., TUBITAK, Ministry of Transport and Infrastructure, etc.) projects. She is the author of many scholarly publications in high-impact international journals, book chapters, and conference proceedings in collaboration with prestigious authors. Her entrepreneurial initiatives support her to serve as an R&D advisor for many companies. She has been serving as an organizer and scientific committee member of many international conferences and workshops. She was elevated to the grade of Senior Member of the Institute of Electrical and Electronics Engineers (IEEE), which is held only by 10% of the IEEE members and reflects professional maturity and documented achievements of significance.

Education Information

Doctorate, University of Surrey, Faculty of Engineering, Faculty of Engineering, England 2007 - 2011

Academic Titles / Tasks

Professor, TED University, Faculty Of Engineering, Department Of Computer Engineering, 2023 - Continues

Associate Professor, TED University, Faculty Of Engineering, Department Of Computer Engineering, 2020 - 2023

Academic and Administrative Experience

Head of Department, TED University, Graduate School, Interactive Computing And Inform. System, 2021 - Continues

Head of Department, TED University, Faculty Of Engineering, Department Of Computer Engineering, 2021 - Continues

Faculty Board Member, TED University, Faculty Of Engineering, Department Of Computer Engineering, 2021 - Continues

Head of Department, TED University, Graduate School, Computer Engineering, 2021 - 2024

Institute Board Member, TED University, Graduate School, Computer Engineering, 2021 - 2024

Courses

Master's Thesis II, Postgraduate

Signals and Systems for Computer Engine, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

C Programming, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021

Discrete Structures of Mathematics, Undergraduate, 2022 - 2023

Signals and Systems for Computer Engineers, Postgraduate, 2022 - 2023

Master's Thesis I, Postgraduate, 2022 - 2023

Summer Practice I, Undergraduate, 2022 - 2023

Introduction to Computer Vision, Undergraduate, 2021 - 2022, 2020 - 2021

Summer Practice II, Undergraduate, 2022 - 2023

Pre-thesis Seminar, Postgraduate, 2022 - 2023, 2021 - 2022

Master Thesis II, Postgraduate, 2022 - 2023

Multimedia, Undergraduate, 2022 - 2023

Computer Vision, Postgraduate, 2021 - 2022

Computer Organization, Undergraduate, 2021 - 2022

Computer Organization, Undergraduate, 2021 - 2022, 2020 - 2021

Fundamentals of Programming I, Undergraduate, 2020 - 2021

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, TED University, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Middle East Technical University, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi University, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Middle East Technical University, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Konya Food And Agriculture University, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Middle East Technical University, December, 2022

Competition, IEEE Extreme-TEDU-24 Hours Programming, IEEE, October, 2022

Competition, Gokce Nur Yilmaz, IEEE, October, 2022

Academic Staff Examination, Academic Staff Examination, TED University, August, 2022

Award, IEEE Senior Member, IEEE, February, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Context and content based scalable video adaptation for ubiquitous multimedia communication services**
Nur Yilmaz G.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.80, no.5, pp.7987-8013, 2021 (SCI-Expanded)
- II. **A New Vegetation Index in Short-Wave Infrared Region of Electromagnetic Spectrum**
Çimtay Y., Ozbay B., Nur Yilmaz G., Bozdemir E.
IEEE ACCESS, vol.9, pp.148535-148545, 2021 (SCI-Expanded)
- III. **Blind video quality assessment via spatiotemporal statistical analysis of adaptive cube size 3D-DCT coefficients**
Cemiloglu E., Nur Yilmaz G.
IET IMAGE PROCESSING, vol.14, no.5, pp.845-852, 2020 (SCI-Expanded)
- IV. **A novel depth perception prediction metric for advanced multimedia applications**
Nur Yilmaz G.

MULTIMEDIA SYSTEMS, vol.25, no.6, pp.723-730, 2019 (SCI-Expanded)

- V. **A depth perception evaluation metric for immersive user experience towards 3D multimedia services**
Bayrak H., Nur Yilmaz G.
MULTIMEDIA SYSTEMS, vol.25, no.3, pp.253-261, 2019 (SCI-Expanded)
- VI. **A bit rate adaptation model for 3D video**
Nur Yilmaz G.
MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING, vol.27, no.1, pp.201-215, 2016 (SCI-Expanded)
- VII. **A no reference depth perception assessment metric for 3D video**
Nur Yilmaz G.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.74, no.17, pp.6937-6950, 2015 (SCI-Expanded)
- VIII. **Seamless video access for mobile devices by content-aware utility-based adaptation**
Nur Yilmaz G., Arachchi H. K., Dogan S., Kondo A. M.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.70, no.2, pp.689-719, 2014 (SCI-Expanded)
- IX. **Modeling user perception of 3D video based on ambient illumination context for enhanced user centric media access and consumption**
Nur Yilmaz G., Arachchi H. K., Dogan S., Kondo A. M.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.70, no.1, pp.333-359, 2014 (SCI-Expanded)
- X. **Advanced Adaptation Techniques for Improved Video Perception**
Nur Yilmaz G., Arachchi H. K., Dogan S., Kondo A. M.
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, vol.22, no.2, pp.225-240, 2012 (SCI-Expanded)
- XI. **Ambient Illumination as a Context for Video Bit Rate Adaptation Decision Taking**
Nur Yilmaz G., Arachchi H. K., Dogan S., Kondo A. M.
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, vol.20, no.12, pp.1887-1891, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Edge Detection for 3 Dimensional Video Quality Assessment**
Nur Yilmaz G.
Journal of Artificial Intelligence and Data Science, vol.3, no.1, pp.50-53, 2023 (Peer-Reviewed Journal)
- II. **Measuring 3D Video Quality of Experience (QoE) Using A Hybrid Metric Based on Spatial Resolution and Depth Cues**
Coskun S., Nur Yilmaz G., Battisti F., Alhussein M., Islam S.
Journal of Imaging, vol.9, no.12, 2023 (ESCI)
- III. **Edge Detection for 3 Dimensional Video Quality Assessment**
NUR YILMAZ G., ÇİMTAY Y.
Journal of Artificial Intelligence and Data Science, vol.3, no.1, pp.50-53, 2023 (Peer-Reviewed Journal)
- IV. **Depth Perception Assessment of a 3D Video Based on Spatial Resolution**
NUR YILMAZ G., ÇİMTAY Y.
Journal of Artificial Intelligence and Data Science, vol.2, no.1, pp.1-7, 2022 (Peer-Reviewed Journal)
- V. **SSIM Modelin Geliştirilmesine Dayanan Bir 3B Video Kalite Değerlendirme Metriği**
Nur Yilmaz G.
TBV Journal of Computer Science and Engineering, vol.15, pp.1-5, 2022 (Peer-Reviewed Journal)
- VI. **Depth Perception Assessment of a 3D Video Based on Spatial Resolution**
Nur Yilmaz G.
Journal of Artificial Intelligence and Data Science, vol.2, no.1, pp.1-4, 2022 (Peer-Reviewed Journal)
- VII. **A Novel Color Detection Model**
Nur Yilmaz G.

- Journal of Artificial Intelligence and Data Science, vol.2, no.1, pp.1-4, 2022 (Peer-Reviewed Journal)
- VIII. **Snake Detection and Blurring System to Prevent Unexpected Appearance of Snake Images on Visual Media Sources Using Deep Learning**
TEKGÜL S., Nur Yılmaz G.
Journal of Artificial Intelligence and Data Science, 2021
- IX. **Gender Classification from Eye Images by Using Pretrained Convolutional Neural Networks**
Çımtay Y., Nur Yılmaz G.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), 2021
- X. **Nicemleme Parametresi, Kontrast, Yapısal Özellik ve Uzamsal Çözünürlüğe Dayalı 3 Boyutlu Video Kalite Değerlendirmesi**
Coşkun Ş., Nur Yılmaz G.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.10, no.3, pp.20-30, 2018
- XI. **A Reduced Reference Metric for Enhanced 3D Video Perception**
Nur Yılmaz G.
International Scientific and Vocational Studies Journal, vol.2, no.2, pp.99-103, 2018
- XII. **2B Video ve Derinlik Haritası Temelli 3B Videolarda Yapısal Karmaşıklık Tabanlı Video Kalite Değerlendirmesi**
Erten M. Y., Nur Yılmaz G.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, pp.118-125, 2018
- XIII. **3D video bit rate adaptation decision taking using ambient illumination context**
Nur Yılmaz G., Arachchi H. K., Dogan S., Kondoz A.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.17, no.3, pp.105-115, 2014 (ESCI)
- XIV. **Cartoon Effect and Ambient Illumination Based Depth Perception Assessment of 3D Video**
Nur Yılmaz G.
International Journal of Computer and Information Engineering, vol.7, no.7, 2013

Books & Book Chapters

- I. **New Multi-level Hazy Image and Video Dataset for Benchmark of Dehazing Methods**
Nur Yılmaz G.
in: Image Processing and Capsule Networks, Janusz Kacprzyk, Editor, Springer, London/Berlin , Singapore, pp.269-280, 2023
- II. **An Error Dependent Enhancement Method for Images Captured in Dense Fog**
Nur Yılmaz G.
in: IoT Based Control Networks and Intelligent Systems, P.P. Joby, Editor, Springer Nature, Singapore, pp.1-5, 2022
- III. **3D Video QoE Based Adaptation Framework for Future Communication Networks**
Nur Yılmaz G.
in: IoT Based Control Networks and Intelligent Systems, P.P. Joby, Editor, Springer Nature, Singapore, pp.1-5, 2022
- IV. **Low Light Image Enhancement on Mobile Devices by Using Dehazing**
ÇİMTAY Y., NUR YILMAZ G.
in: Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, Muhammet Nuri Seyman, Editor, Springer, pp.57-67, 2022
- V. **3D Video QoE Based Adaptation Framework for Future Communication Networks**
NUR YILMAZ G., ÇİMTAY Y.
in: IoT Based Control Networks and Intelligent Systems, P. P. Joby, Valentina E. Balas, Ram Palanisamy, Editor, Springer Nature Singapore Pte Ltd., pp.757-768, 2022
- VI. **Video Adaptation Concept for Universal Access**
Nur Yılmaz G., Çımtay Y.
in: Current Studies in Basic Sciences, Engineering and Technology, Hassan, Editor, Current Studies in Basic

Sciences, Engineering and Technology, Dindigul, pp.1-5, 2021

VII. Technology

NUR YILMAZ G., ÇİMTAY Y.

in: Current Studies in Basic Sciences, Engineering and Technology 2021, Dr. Mehmet Ozaslan, Dr. Yasmeen Junejo, Editor, The International Society for Research in Education and Science (ISRES), Konya, pp.86-93, 2021

VIII. QoE of 3D media delivery systems

De Silva V., Nur Yilmaz G., Ekmekcioglu E., Kondo A.

in: Media Networks: Architectures, Applications, and Standards, Hassan, Editor, Taylor Publishing Company, Greengairs, pp.275-292, 2016

IX. Immersive 3D media

Ekmekcioglu E., De Silva V., Nur Yilmaz G., Kondo A.

in: Media Networks: Architectures, Applications, and Standards, Hassan, Editor, Taylor Publishing Company, Greengairs, pp.347-374, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **A New Multi-level Hazy Image and Video Dataset for Benchmark of Dehazing Methods**
Çetinkaya B., Çımtay Y., Günay F. N., Yılmaz G.
4th International Conference on Image Processing and Capsule Networks, ICIPCN 2023, Bangkok, Thailand, 10 - 11 August 2023, vol.798 LNNS, pp.269-280
- II. **An Error Dependent Enhancement Method for Images Captured in Dense Fog**
Çımtay Y., Nur Yılmaz G.
3rd International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2022, Kottayam, India, 1 - 02 July 2022, vol.528, pp.743-756
- III. **3D Video QoE Based Adaptation Framework for Future Communication Networks**
Yılmaz G., Çımtay Y.
3rd International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2022, Kottayam, India, 1 - 02 July 2022, vol.528, pp.757-768
- IV. **A NOVEL TRAFFIC VIDEO DATASET FOR VEHICLE TRACKING**
TAN Y., ULU E. N., ÇİMTAY Y., NUR YILMAZ G.
International Conference on Engineering Technologies (ICENTE 22), Konya, Turkey, 17 - 19 November 2022
- V. **Assessment of a New Adaptation Approach for Scalable 3D Video**
NUR YILMAZ G., ÇİMTAY Y., ÖZTOPRAK K.
IEEE Signal Processing and Communications Applications (SIU) 2022, Safranbolu, Turkey, 15 - 18 May 2022
- VI. **Assessment of a New Adaptation Approach for Scalable 3D Video Ölçeklenebilir 3B Video İçin Yeni Bir Adaptasyon Yaklaşımının Değerlendirilmesi**
Yılmaz G., Çımtay Y., Oztoprak K.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- VII. **Low Light Image Enhancement on Mobile Devices by Using Dehazing**
Çımtay Y., Nur Yılmaz G.
1st International Congress of Electrical and Computer Engineering, ICECENG 2022, Bandirma, Turkey, 9 - 12 February 2022, vol.436 LNICST, pp.57-67
- VIII. **3D Video Quality Assessment Based on PSNR Improvement**
Nur Yılmaz G., Çımtay Y.
Scientific and Vocational Studies Congress, pp.15
- IX. **3D VIDEO QUALITY ASSESSMENT BASED ON PSNR IMPROVE**
NUR YILMAZ G., ÇİMTAY Y.
VI. ULUSLARARASI BİLİMSEL VE MESLEKİ ÇALIŞMALAR KONGRESİ, Turkey, 23 - 25 December 2021
- X. **Gender and Age Prediction Based on CNN Model**

Zeynep Dilay T., Nur Yılmaz G.

International Congress on Artificial Intelligence and Data Science, 26 - 28 November 2021

- XI. **Snake Detection and Blurring System Using Deep Learning**
TEKGUL S., Nur Yılmaz G.
International Congress on Artificial Intelligence and Data Science
- XII. **Investigating the Use of Pretrained CNNs for the Problem of Gender Classification from Eye Images**
CİMTAY Y., Nur Yılmaz G.
- XIII. **INVESTIGATING THE USE OF PRETRAINED CNNs FOR THE PROBLEM OF GENDER CLASSIFICATION FROM EYE IMAGES**
ÇİMTAY Y., NUR YILMAZ G.
ICONTECH (International Conference on Technology), Antalya, Turkey, 4 - 07 November 2021
- XIV. **3D Video Quality Evaluation Based on SSIM Model Improvement SSIM Modelin Geliştirilmesine Dayanan 3B Video Kalite Değerlendirmesi**
Nur Yılmaz G., AKAR G.
6th International Conference on Computer Science and Engineering, UBMK 2021, Ankara, Turkey, 15 - 17 September 2021, pp.425-428
- XV. **Depth perception prediction of 3D video for ensuring advanced multimedia services**
Nur Yılmaz G., Battisti F.
2018 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2018, Helsinki, Finland, 3 - 05 June 2018, vol.2018-June
- XVI. **A Novel 3 Dimensional Video Quality of Experience Prediction Metric**
Nur Yılmaz G.
International Scientific and Vocational Studies Congress
- XVII. **No-reference evaluation of 3 dimensional video quality using spatial and frequency domain components Uzamsal ve Frekans Bölgesindeki Bilesenler Kullanılarak 3 Boyutlu Video Kalitesinin Referanssız Değerlendirilmesi**
Bayrak H., Nur Yılmaz G.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- XVIII. **A New Metric for 3 Dimensional Video Quality of Experience Prediction**
Nur Yılmaz G.
International Scientific and Vocational Studies Congress
- XIX. **Quantization Parameter, Contrast, Structural Information and Spatial Resolution Based 3 Dimensional Video Quality Assessment**
Coskun S., Nur Yılmaz G.
International Scientific and Vocational Studies Congress
- XX. **Video Adaptation Techniques**
Nur Yılmaz G.
International Scientific and Vocational Studies Congress
- XXI. **A depth perception evaluation metric for immersive 3D video services**
Nur Yılmaz G.
11th 3D True Vision v2: Research and Applications in Future 3D Media, 3DTV-CON 2017, Copenhagen, Denmark, 7 - 09 June 2017, vol.2017-June, pp.1-4
- XXII. **Depth Perception Prediction of 3D Video QoE for Future Internet Services**
Nur Yılmaz G.
32nd International Conference on Information Networking (ICOIN), Chiang Mai, Thailand, 10 - 12 January 2018, pp.146-149
- XXIII. **Depth Complexity Measurement Algorithm for Stereoscopic Video**
Nur Yılmaz G.
International Conference on Engineering Technologies
- XXIV. **An abstraction and structural information based depth perception evaluation metric Özetleme ve**

Yapi Bilgisine Dayanan Bir Derinlik Algisi Değerlendirme Metriği

Nur Yılmaz G., Bayrak H.

25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017

- XXV. **Scene detection via depth maps of 3 dimensional videos 3 Boyutlu Videoda Derinlik Haritasi Yoluyla Sahne Sezme**
Bayrak H., Nur Yılmaz G.
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XXVI. **Video content analysis method for audiovisual quality assessment**
Konuk B., Zerman E., Nur Yılmaz G., AKAR G.
8th International Conference on Quality of Multimedia Experience, QoMEX 2016, Lisbon, Portugal, 6 - 08 June 2016
- XXVII. **STRUCTURAL DEPTH ESTIMATION VIA DEPTH MAPS OF 3 DIMENSIONAL VIDEOS**
Bayrak H., Nur Yılmaz G.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.997-1000
- XXVIII. **Content Aware Audiovisual Quality Assessment**
Konuk B., Zerman E., AKAR G., Nur Yılmaz G.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.966-969
- XXIX. **A Comparative Study on No-Reference Video Quality Assessment Metrics**
Zerman E., AKAR G., Konuk B., Nur Yılmaz G.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1774-1777
- XXX. **Z-DIRECTION MOTION ESTIMATION IN 2D+DEPTH MAP BASED 3D VIDEO**
Bayrak H., Nur Yılmaz G., Tuna E.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1043-1046
- XXXI. **A PARAMETRIC VIDEO QUALITY MODEL BASED ON SOURCE AND NETWORK CHARACTERISTICS**
Zerman E., Konuk B., Nur Yılmaz G., AKAR G.
IEEE International Conference on Image Processing (ICIP), Paris, France, 27 - 30 October 2014, pp.595-599
- XXXII. **Spatiotemporal no-reference video quality assessment model on distortions based on encoding Kodlama tabanlı bozulmalar üzerine uzam- zamansal referanssız video kalite değerlendirme modeli**
Zerman E., AKAR G., Konuk B., Nur Yılmaz G.
2013 21st Signal Processing and Communications Applications Conference, SIU 2013, Haspolat, Turkey, 24 - 26 April 2013
- XXXIII. **A SPATIOTEMPORAL NO-REFERENCE VIDEO QUALITY ASSESSMENT MODEL**
Konuk B., Zerman E., Nur Yılmaz G., AKAR G.
20th IEEE International Conference on Image Processing (ICIP), Melbourne, Australia, 15 - 18 September 2013, pp.54-58
- XXXIV. **Assessing the effects of ambient illumination change in usage environment on 3D video perception for user centric media access and consumption**
Nur Yılmaz G., Dogan S., Kodikara Arachchi H., Kondo A. M.
2nd International ICST Conference on User Centric Media, UCMedia 2010, Palma de Mallorca, Spain, 1 - 03 September 2010, vol.60 LNICST, pp.60-68
- XXXV. **A Reduced Reference 3D Video Quality Assessment Based on Cartoon Effect**
Nur Yılmaz G.
NEM Summit
- XXXVI. **Sensitivity of the HVS for Binocular disparity Cue in 3D Displays under Different Ambient Illumination Conditions**
Nur Yılmaz G., De Silva V., Arachchi H. K., Kondo A., Fernando W., Martinez-Rach M. O., Dogan S.
IEEE International Conference on Consumer Electronics (ICCE), Nevada, United States Of America, 13 - 16 January 2012, pp.459-460

- XXXVII. AN ABSTRACTION BASED REDUCED REFERENCE DEPTH PERCEPTION METRIC FOR 3D VIDEO**
Nur Yilmaz G., AKAR G.
19th IEEE International Conference on Image Processing (ICIP), Florida, United States Of America, 30 September - 03 October 2012, pp.625-628
- XXXVIII. Prediction of 3D Video Experience from Video Quality and Depth Perception Considering Ambient Illumination Context**
Nur F. C., Nur Yilmaz G.
1st International Conference on Future Generation Communication Technologies (FGCT), London, Canada, 12 - 14 December 2012, pp.28-31
- XXXIX. EXTENDED VQM MODEL FOR PREDICTING 3D VIDEO QUALITY CONSIDERING AMBIENT ILLUMINATION CONTEXT**
Nur Yilmaz G., Arachchi H. K., Dogan S., Kondoz A. M.
3DTV Conference - The True Vision - Capture, Transmission and Display of 3D Video (3DTV-CON), Antalya, Turkey, 16 - 18 May 2011
- XL. Assessing the Effects of Ambient Illumination Change in Usage Environment on 3D Video Perception for User Centric Media Access and Consumption**
Nur Yilmaz G.
- XLI. Improving Scalable Video Adaptation in a Knowledge-Based Framework**
Nur Yilmaz G.
- XLII. IMPACT OF DEPTH MAP SPATIAL RESOLUTION ON 3D VIDEO QUALITY AND DEPTH PERCEPTION**
Nur Yilmaz G., Dogan S., Arachchi H. K., Kondoz A. M.
4th 3DTV Conference on the True Vision - Capture, Transmission and Display of 3D Video, Tampere, Finland, 7 - 09 June 2010
- XLIII. 3D VIDEO ASSESSMENT WITH JUST NOTICEABLE DIFFERENCE IN DEPTH EVALUATION**
De Silva D. V. S. X., Fernando W. A. C., Nur Yilmaz G., Ekmekcioglu E., Worrall S. T.
IEEE International Conference on Image Processing, Hong Kong, PEOPLES R CHINA, 26 - 29 September 2010, pp.4013-4016
- XLIV. A Novel Scalability Adaptation Concept for Higher R-D Performances of Scalable Video**
Nur Yilmaz G.
ICT Mobile and Wireless Communications Summit
- XLV. EVALUATION OF QUALITY SCALABILITY LAYER SELECTION FOR BIT RATE ADAPTATION OF SCALABLE VIDEO CONTENT**
Nur Yilmaz G., Arachchi H. K., Dogan S., Kondoz A. M.
10th International Workshop on Image Analysis for Multimedia Interactive Services, London, Canada, 6 - 08 May 2009, pp.218-221

Supported Projects

Nur Yilmaz (Working Group Member) G., TÜBİTAK - AB COST Project, InsectAI - Using Image-based AI for Insect Monitoring & Conservation (InsectAI), 2023 - 2027

Nur Yilmaz (Working Group Member) G., TÜBİTAK - AB COST Project, Computational Techniques for Tabletop Games Heritage (GameTable), 2023 - 2027

Nur Yilmaz (Science Communication Coordinator) G., TÜBİTAK - AB COST Project, European Materials Informatics Network (EuMiNe), 2023 - 2027

Nur Yilmaz (Working Group Member) G., TÜBİTAK - AB COST Project, Participatory Approaches with Older Adults (PAAR-net), 2023 - 2027

Nur Yilmaz (Working Group Leader) G., TÜBİTAK - AB COST Project, Cyber-Physical Systems and Digital Twins for the Decarbonisation of Energy Intensive Industries (CYPHER) , 2023 - 2027

Nur Yilmaz (Working Group Leader) G., TÜBİTAK - AB COST Project, Cultural Expertise Junior Network (K-Peritia), 2023 - 2027

Nur Yılmaz (Working Group Member) G., TÜBİTAK - AB COST Project, Physical layer security for trustworthy and resilient 6G systems (6G-PHYSEC), 2023 - 2027

Nur Yılmaz (Working Group Member) G., TÜBİTAK - AB COST Project, Behavioral Next Generation in Wireless Networks for Cyber Security (BEING-WISE), 2023 - 2027

Çakır Hatır (Management Committee) P., Hanay (Management Committee) M. S., Kandemir (Working Groups) A. Ç., Nur Yılmaz (Working Group Member) G., TÜBİTAK - AB COST Project, European Network for the Mechanics of Matter at the Nano-Scale (MecaNano), 2022 - 2026

Nur Yılmaz (Working Group Member) G., TÜBİTAK - AB COST Project, Enabling Multilingual Eye-tracking Data Collection for Human and Machine Language Processing Research (MultipleYE), 2022 - 2026

Numanoğlu Genç A., Kökpınar M. A., Baş O., Kandemir A. Ç., Nur Yılmaz G., Kaplan Can H., Göğüş M., TUBITAK Project, Düzenli Ve Düzensiz Şekli Mikroplastik Parçacıkların Çökelme Hızlarının Deneysel, Sayısal Ve Derin Öğrenmeye Dayanan Yöntemlerle Araştırılması, 2023 - 2025

Nur Yılmaz G., Akar G., TUBITAK Project, 2022 - 2025

Nur Yılmaz (Working Group Member) G., TÜBİTAK - AB COST Project, Network on evidence-based physical activity in old age (PhysAgeNet), 2021 - 2025

Nur Yılmaz (Working Group Member) G., TÜBİTAK - AB COST Project, Intelligence-Enabling Radio Communications for Seamless Inclusive Interactions (INTERACT), 2021 - 2025

Çimtay Y., Nur Yılmaz G., TUBITAK Project, 2022 - 2024

Nur Yılmaz (Working Group Member) G., TÜBİTAK - AB COST Project, Fintech and Artificial Intelligence in Finance - Towards a transparent financial industry (FinAI), 2020 - 2024

Nur Yılmaz G., Çimtay Y., Project Supported by Higher Education Institutions, An Enhanced Rate-Distortion Performance Enabling 3D Video Adaptation Framework, 2022 - 2023

Çimtay Y., Nur Yılmaz G., Project Supported by Higher Education Institutions, Automatic detection and reporting of waving through traffic event, 2022 - 2022

Memberships / Tasks in Scientific Organizations

COST-CA22101, Chairman of the Scientific Committee, 2023 - Continues, Belgium

COST-CA22143, Chairman of the Scientific Committee, 2023 - Continues, Belgium

COST-CA22151, Chairman of the Scientific Committee, 2023 - Continues, Belgium

IEEE, Member, 2023 - 2023, United States Of America

Scientific Refereeing

MULTIMEDIA TOOLS AND APPLICATIONS, SCI Journal, December 2023

MULTIMEDIA TOOLS AND APPLICATIONS, SCI Journal, August 2023

Journal on Data Science and Artificial Intelligence, Other journals, October 2022

IEEE International Conference on Network and Service Management, Conference Paper (Full Text), August 2022

Springer Multimedia Systems.2, SCI Journal, July 2022

Springer Multimedia Tools and Applications.3, SCI Journal, May 2022

IEEE Cyber Science and Technology Congress, Conference Paper (Full Text), May 2022

Wiley International Journal of Intelligent Systems, SCI Journal, May 2022

Springer Multimedia Systems.3, SCI Journal, April 2022

Springer Multimedia Tools and Applications.4, SCI Journal, March 2022

IEEE International Conference on Computer Science and Engineering, Conference Paper (Full Text), March 2022

IEEE Signal Processing and Communications Applications, Conference Paper (Full Text), February 2022

IEEE International Conference on Internet of Things, Conference Paper (Full Text), February 2022

Springer Multimedia Tools and Applications.5, SCI Journal, January 2022

Springer Multimedia Tools and Applications.2, SCI Journal, January 2022

IEEE TRANSACTIONS ON MULTIMEDIA, SCI Journal, January 2022
Springer Multimedia Tools and Applications.1, SCI Journal, January 2022
Springer Multimedia Systems.1, SCI Journal, January 2022

Scientific Consultations

Beyes Bilişim Teknolojileri Elektronik Yazılım Dan. San. ve Tic. Ltd. Şti, Scientific Consultancy, TED University, Faculty Of Engineering, Department Of Computer Engineering, Turkey, 2023 - 2025

Tasks In Event Organizations

Nur Yılmaz G., IEEE 8th International Conference on Computer Science and Engineering (UBMK), Scientific Congress, Turkey, Eylül 2023

Nur Yılmaz G., IEEE International Informatics and Software Engineering Conference, Scientific Congress, Turkey, Aralık 2022

Nur Yılmaz G., International Scientific and Vocational Studies Congress, Scientific Congress, Turkey, Aralık 2022

Nur Yılmaz G., International Congress on Data Science and Artificial Intelligence, Scientific Congress, Turkey, Kasım 2022

Nur Yılmaz G., International Congress on Data Science and Artificial Intelligence, Scientific Congress, Turkey, Kasım 2022

Nur Yılmaz G., IEEE iThings, Scientific Congress, United States Of America, Haziran 2022

NUR YILMAZ G., International Congress of Electrical and Computer Engineering, Ocak 2022

NUR YILMAZ G., International Scientific and Vocational Studies Congress, Aralık 2020

Scientific Research / Working Group Memberships

Cost, Belgium, <https://cypher.ulb.be/>, 2023 - Continues

Congress and Symposium Activities

European Cooperation in Science And Technology Leadership Workshop, Audience, Brussels, Belgium, 2023

Awards

Nur Yılmaz G., FocuZone projesi ile sosyal sorum alanında ödül, Türkiye Bilişim Derneği, June 2024

Nur Yılmaz G., Erasmus+ Academic Minister, European Commission, June 2023

Nur Yılmaz G., IEEE Senior Membership, Ieee, February 2022