

## Prof. Dr. KLAUS VERNER SCHMİDT

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: O-2493-2013

ScopusID: 55464613900

Yoksis Araştırmacı ID: 271229

### Eğitim Bilgileri

Doktora, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Engineering, Almanya 2002 - 2005

Lisans, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Electrical, Electronics And Communication Engineering, Almanya 1997 - 2002

Yüksek Lisans, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Electrical, Electronics And Communication Engineering, Almanya 1997 - 2002

### Yaptığı Tezler

Doktora, Hierarchical Control of Decentralized Discrete Event Systems-Theory and Application, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Engineering, 2018

Yüksek Lisans, Entwurf von Zustandsrückführungen für lineare diskrete Systeme über GF(2) mit Hilfe der Polynommatrixmethode, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Electrical, Electronics And Communication Engineering, 2018

### Araştırma Alanları

Elektrik-Elektronik Mühendisliği, Elektronik, Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik ve Elektronik Mühendisliği Bölümü, 2019 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2017 - Devam Ediyor

### Verdiği Dersler

## Yönetilen Tezler

- SCHMİDT K. V., Communication and coordination for urban intelligent transportation: Architecture and algorithms, Doktora, M.ATAGOZIEV(Öğrenci), 2022
- SCHMİDT K. V., Linear parameter varying control for autonomous systems: Methods and application examples, Yüksek Lisans, F.ÇALIŞ(Öğrenci), 2022
- SCHMİDT K. V., Cooperative adaptive cruise control with predicted vehicle information: Development and evaluation, Yüksek Lisans, F.KILIÇ(Öğrenci), 2022
- SCHMİDT K. V., Clock synchronization and weak TDMA for CAN FD: Implementation and evaluation, Yüksek Lisans, İ.ONUR(Öğrenci), 2022
- SCHMİDT K. V., Hierarchical and modular control of reconfigurable manufacturing systems, Yüksek Lisans, Ö.ARSLAN(Öğrenci), 2022
- SCHMİDT K. V., Estimation of vehicle signals for autonomous driving applications, Yüksek Lisans, H.TEMURTAŞ(Öğrenci), 2022
- SCHMİDT K. V., A general framework for the deterministic medium access on the controller area network, Doktora, M.AKPINAR(Öğrenci), 2022
- SCHMİDT K. V., Transfer functions with positive impulse response: Feedback controller design and application to cooperative adaptive cruise control, Yüksek Lisans, İ.TAYYİP(Öğrenci), 2021
- Schmidt K. V., SENSOR FUSION OF A CAMERA AND 2D LIDAR FOR LANE DETECTION AND TRACKING, Yüksek Lisans, Y.YENİAYDIN(Öğrenci), 2019
- SCHMİDT Ş. E., SCHMİDT K. V., Controller area network with offset scheduling: Improved offset assignment algorithms and computation of response time distributions, Yüksek Lisans, A.BATUR(Öğrenci), 2018
- SCHMİDT K. V., LANE KEEPING CONTROL FOR SELF-DRIVING VEHICLES, Yüksek Lisans, K.SARAÇOĞLU(Öğrenci), 2018
- SCHMİDT K. V., SCHMİDT Ş. E., C3: Configurable CAN FD controller: Design, implementation and evaluation, Yüksek Lisans, M.ERTUĞ(Öğrenci), 2018
- Schmidt K. V., Optimal control problems for safe and efficient lane changes of self-driving vehicles, Doktora, A.HASEEB(Öğrenci), 2017
- SCHMİDT Ş. E., SCHMİDT K. V., FlexRay veriyolu statik ve dinamik bölütleri için mesaj çizelgelemesi : algoritmalar ve uygulamalar., Yüksek Lisans, Ö.Kızılay(Öğrenci), 2015
- SCHMİDT Ş. E., SCHMİDT K. V., Denetleyici alan ağı(daa) ileri konuları için tepki süresi analizi ve çizelgelendirme: görel konum, FIFO kuyruklar ve ağ geçitleri., Yüksek Lisans, B.Alkan(Öğrenci), 2015
- SCHMİDT Ş. E., SCHMİDT K. V., CAN ve CAN-FD veri yolunda zamanlama iyileştirmek için bir veri paketleme yöntemi, Yüksek Lisans, G.Urul(Öğrenci), 2015
- Schmidt K. V., Fault-tolerant supervisory control of discrete event systems: Methods and examples, Yüksek Lisans, A.NUR(Öğrenci), 2015
- Schmidt K. V., Development of a DC-motor control laboratory experiment, Yüksek Lisans, A.HASEEB(Öğrenci), 2012
- Schmidt K. V., Development of laboratory experiments for control and power systems: The water -tank experiment, Yüksek Lisans, A.M.(Öğrenci), 2012
- Schmidt K. V., Modeling control and simulation of a drinking water treatment plant, Yüksek Lisans, F.GHAZY(Öğrenci), 2012
- Schmidt K. V., Supervisory control for reconfigurable manufacturing systems: Structural changes and re-usability of controllers, Yüksek Lisans, A.NOORULDEEN(Öğrenci), 2012

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. **Computation of tight bounds for the worst-case end-to-end delay on Avionics Full-Duplex Switched Ethernet**

Ayhan Kilinc Z., SCHMİDT Ş. E., SCHMİDT K. V.

Journal of Systems Architecture, cilt.156, 2024 (SCI-Expanded)

- II. **Predictable Timestamping for the Controller Area Network: Evaluation and Effect on Clock Synchronization Accuracy**  
Akpınar M., SCHMİDT K. V.  
IEEE Transactions on Systems, Man, and Cybernetics: Systems, cilt.54, sa.3, ss.1926-1935, 2024 (SCI-Expanded)
- III. **Weak TDMA for the Deterministic Medium Access on the Controller Area Network**  
Akpınar M., SCHMİDT Ş. E., SCHMİDT K. V.  
IEEE Transactions on Intelligent Transportation Systems, cilt.25, sa.8, ss.8568-8577, 2024 (SCI-Expanded)
- IV. **Lane change scheduling for connected and autonomous vehicles**  
Atagozиеv M., Güran Schmidt E., SCHMİDT K. V.  
TRANSPORTATION RESEARCH PART C-EMERGING TECHNOLOGIES, cilt.147, 2023 (SCI-Expanded)
- V. **String Stability Under Actuator Saturation on Straight Level Roads: Sufficient Conditions and Optimal Trajectory Generation**  
Bingol H., Schmidt K. W.  
IEEE Transactions on Intelligent Transportation Systems, cilt.23, sa.12, ss.24588-24598, 2022 (SCI-Expanded)
- VI. **Highly Accurate Clock Synchronization With Drift Correction for the Controller Area Network**  
Akpınar M., Schmidt E. G., Schmidt K. W.  
IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS, cilt.33, sa.12, ss.4071-4082, 2022 (SCI-Expanded)
- VII. **A Data Envelopment Analysis Method for Finding Robust and Cost-Efficient Schedules in Multimode Projects**  
Schmidt K. V., Hazır Ö.  
IEEE Transactions On Engineering Management, cilt.76, sa.2, ss.414-429, 2020 (SCI-Expanded)
- VIII. **Voronoi Boundary Visibility for Efficient Path Planning**  
Al-Dahhan M. R. H., SCHMİDT K. V.  
IEEE ACCESS, cilt.8, ss.134764-134781, 2020 (SCI-Expanded)
- IX. **Order-Preserving Languages for the Supervisory Control of Automated Manufacturing Systems**  
Nooruldeen A., SCHMİDT K. V.  
IEEE ACCESS, cilt.8, ss.131901-131919, 2020 (SCI-Expanded)
- X. **Formulation and solution of an optimal control problem for industrial project control**  
Schmidt K. V., Hazır Ö.  
Annals of Operations Research, cilt.280, ss.337-350, 2019 (SCI-Expanded)
- XI. **Outputs bounds for linear systems with repeated input signals: existence, computation and application to vehicle platooning**  
Saglam H. B., Schmidt K. W.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.26, sa.1, ss.283-295, 2018 (SCI-Expanded)
- XII. **Feedforward Strategies for Cooperative Adaptive Cruise Control in Heterogeneous Vehicle Strings**  
Al-Jhayyish A. M. H., SCHMİDT K. V.  
IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, cilt.19, sa.1, ss.113-122, 2018 (SCI-Expanded)
- XIII. **Reconfigurability of behavioural specifications for manufacturing systems**  
SCHMİDT K. V.  
INTERNATIONAL JOURNAL OF CONTROL, cilt.90, sa.12, ss.2605-2617, 2017 (SCI-Expanded)
- XIV. **Modeling Distributed Real-Time Systems in TIOA and UPPAAL**  
Kartal Y. B., SCHMİDT Ş. E., SCHMİDT K. W.  
ACM TRANSACTIONS ON EMBEDDED COMPUTING SYSTEMS, cilt.16, sa.1, 2016 (SCI-Expanded)
- XV. **Controller area network with priority queues and FIFO queues: improved schedulability analysis and message set extension**  
SCHMİDT K. W., Alkan B., SCHMİDT Ş. E., Karani D. C., Karakaya U.

- INTERNATIONAL JOURNAL OF VEHICLE DESIGN, cilt.71, ss.335-357, 2016 (SCI-Expanded)
- XXVI. **State attraction under language specification for the reconfiguration of discrete event systems**  
Nooruldeen A., Schmidt K. V.  
IEEE Transactions on Automatic Control, cilt.60, sa.6, ss.1630-1634, 2015 (SCI-Expanded)
- XVII. **Computation of supervisors for reconfigurable machine tools**  
Schmidt K. V.  
Discrete Event Dynamic Systems: Theory and Applications, cilt.25, ss.125-158, 2015 (SCI-Expanded)
- XVIII. **Optimal supervisory control of discrete event systems: Cyclicity and interleaving of tasks**  
Schmidt K. V.  
SIAM Journal on Control and Optimization, cilt.53, sa.3, ss.1425-1439, 2015 (SCI-Expanded)
- XIX. **A framework for state attraction of discrete event systems under partial observation**  
Schmidt K. V., Breindl C.  
Information Sciences, cilt.281, ss.265-280, 2014 (SCI-Expanded)
- XX. **Robust Priority Assignments for Extending Existing Controller Area Network Applications**  
SCHMIDT K. V.  
IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, cilt.10, sa.1, ss.578-585, 2014 (SCI-Expanded)
- XXI. **Verification of Modular Diagnosability With Local Specifications for Discrete-Event Systems**  
SCHMIDT K. V.  
IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS, cilt.43, sa.5, ss.1130-1140, 2013 (SCI-Expanded)
- XXII. **An integrated scheduling and control model for multi-mode projects**  
Hazır Ö., Schmidt K. V.  
Flexible Services and Manufacturing Journal, cilt.25, ss.230-254, 2013 (SCI-Expanded)
- XXIII. **Efficient Abstractions for the Supervisory Control of Modular Discrete Event Systems**  
SCHMIDT K. V., Ribeiro Cury J. E.  
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, cilt.57, sa.12, ss.3224-3229, 2012 (SCI-Expanded)
- XXIV. **Fuzzy Discrete Event Systems for Multiobjective Control: Framework and Application to Mobile Robot Navigation**  
SCHMIDT K. V., Boutalis Y.  
IEEE TRANSACTIONS ON FUZZY SYSTEMS, cilt.20, sa.5, ss.910-922, 2012 (SCI-Expanded)
- XXV. **Maximally Permissive Hierarchical Control of Decentralized Discrete Event Systems**  
SCHMIDT K. W., Breindl C.  
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, cilt.56, sa.4, ss.723-737, 2011 (SCI-Expanded)
- XXVI. **Message Scheduling for the FlexRay Protocol: The Static Segment**  
Schmidt K., SCHMIDT Ş. E.  
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, cilt.58, sa.5, ss.2170-2179, 2009 (SCI-Expanded)
- XXVII. **Message Scheduling for the FlexRay Protocol: The Dynamic Segment**  
SCHMIDT Ş. E., Schmidt K.  
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, cilt.58, sa.5, ss.2160-2169, 2009 (SCI-Expanded)
- XXVIII. **Nonblocking Hierarchical Control of Decentralized Discrete Event Systems**  
SCHMIDT K. V., MOOR T., PERK S.  
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, cilt.53, sa.10, ss.2252-2265, 2008 (SCI-Expanded)
- XXIX. **Systematic message schedule construction for time-triggered CAN**  
Schmidt K., Schmidt E. G.  
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, cilt.56, sa.6, ss.3431-3441, 2007 (SCI-Expanded)
- XXX. **A finite field framework for modeling, analysis and control of finite state automata**  
Reger J., Schmidt K. V.  
Mathematical and Computer Modelling of Dynamical Systems, cilt.10, ss.253-285, 2004 (SCI-Expanded)
- XXXI. **Modeling and analyzing finite state automata in the finite field  $F_2$**   
Reger J., Schmidt K. V.  
Mathematics and Computers in Simulation, cilt.66, ss.193-206, 2004 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

- I. **Safe and Efficient Path Planning for Omni-directional Robots using an Inflated Voronoi Boundary**  
ALDAHAN M. R. H., SCHMİDT K. V.  
Çankaya University Journal of Science and Engineering, cilt.16, sa.2, ss.46-49, 2019 (Hakemli Dergi)
- II. **Order-preserving Models for the Supervisory Control of Flexible Manufacturing Systems**  
Nooruldeen a., SCHMİDT K. V.  
Çankaya University Journal of Science and Engineering, cilt.16, sa.2, ss.70-86, 2019 (Hakemli Dergi)
- III. **Cooperative Adaptive Cruise Control for Vehicle Following During Lane Changes**  
Schmidt K. V.  
IFAC-PapersOnLine, cilt.50, sa.1, ss.12582-12587, 2017 (Scopus)
- IV. **The Controllability Prefix for Supervisory Control under Partial Observation with an Application to Fault-Tolerant Control**  
Moor T., Schmidt K. V.  
IFAC-PapersOnLine, cilt.50, sa.1, ss.13642-13647, 2017 (Scopus)
- V. **Abstraction-based control for not necessarily closed behaviours**  
Moor T., Schmidt K. V., Wittmann T.  
IFAC Proceedings Volumes (IFAC-PapersOnline), cilt.44, ss.6988-6993, 2011 (Scopus)
- VI. **An experimental study of the FlexRay dynamic segment**  
Schmidt K. V., Schmidt E. G., Demirci A., Yürüklü E., Karakaya U.  
IFAC Proceedings Volumes (IFAC-PapersOnline), cilt.43, sa.7, ss.413-418, 2010 (Scopus)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Deterministic RG-Trees via Voronoi Diagrams Voronoi Diyagramları ile Deterministik RG-Trees**  
GÖLBOL F., SCHMİDT K. V.  
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Türkiye, 15 - 18 Mayıs 2024
- II. **Development of a Blade Lifting Control Assist System for a Motor Grader**  
Öztürk E. C. Ö., Akpınarlı U., Varol İ., ÜNLÜSOY Y. S., SCHMİDT K. V.  
40th International Symposium on Automation and Robotics in Construction, ISARC 2023, Chennai, Hindistan, 5 - 07 Temmuz 2023, ss.156-163
- III. **Anomaly Detection in In-Vehicle Networks with Graph Neural Networks Çizge Sinir Ağları ile Araç İçi Ağlarda Anomali Tespiti**  
Özdemir Ö., Karagöz P., Schmidt K. V.  
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Türkiye, 5 - 08 Temmuz 2023
- IV. **Clock Synchronization for the Controller Area Network using Bit Timing Information CAN Ağları için Bit Zamanlaması Bilgisine Dayalı Saat Senkronizasyonu**  
Arkadas D. E., Akpınar M., SCHMİDT Ş. E., SCHMİDT K. V.  
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Türkiye, 15 - 18 Mayıs 2022
- V. **Telegram Scheduling for the Multifunction Vehicle Bus (MVB): Algorithms and Evaluation**  
Çağlar Güldiken M., SCHMİDT Ş. E., SCHMİDT K. V.  
2020 IEEE Symposium on Computers and Communications, ISCC 2020, Rennes, Fransa, 7 - 10 Temmuz 2020, cilt.2020-July
- VI. **Sensor Fusion of a Camera and 2D LIDAR for Lane Detection**  
Yeniaydın Y., Schmidt K. V.  
Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Sivas, Türkiye, 24 - 26 Nisan 2019, ss.1-4
- VII. **Improved clock synchronization algorithms for the Controller Area Network (CAN)**

Akpınar M., SCHMİDT K. V., Schmidt E. G.

28th International Conference on Computer Communications and Networks (ICCCN), Valencia, İspanya, 29 Temmuz - 01 Ağustos 2019

- VIII. **ACCLOUD-MAN - Power Efficient Resource Allocation for Heterogeneous Clouds**  
Ekici N. U., SCHMİDT K. V., Yazar A., Schmidt E. G.  
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Türkiye, 24 - 26 Nisan 2019
- IX. **Resource Allocation for Minimized Power Consumption in Hardware Accelerated Clouds**  
Ekici N. U., SCHMİDT K. V., Yazar A., Schmidt E. G.  
28th International Conference on Computer Communications and Networks (ICCCN), Valencia, İspanya, 29 Temmuz - 01 Ağustos 2019
- X. **Robust Lane Recognition Based on Arc Splines**  
Yeniaydın Y., SCHMİDT K. V.  
International Conference & Exhibition on Digital Transformation & Smart Systems, Ankara, Türkiye, 24 - 26 Ekim 2018, cilt.1, ss.1-4
- XI. **Computation of Response Time Distributions for Messages on the Controller Area Network**  
Batur A., SCHMİDT Ş. E., SCHMİDT K. V.  
2018 IEEE 13th International Symposium on Industrial Embedded Systems (SIES), Graz, Austria, 6 - 08 Haziran 2018
- XII. **Evaluation of response time distributions for controller area network messages**  
Batur A., SCHMİDT Ş. E., SCHMİDT K. V.  
2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Türkiye, 2 - 05 Mayıs 2018
- XIII. **A lane keeping system with a weighted preview measurement**  
Saraçoğlu K., Üleş B., SCHMİDT K. V.  
2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Türkiye, 2 - 05 Mayıs 2018
- XIV. **A lane detection algorithm based on reliable lane markings**  
Yeniaydın Y., Schmidt K. V.  
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Türkiye, 2 - 05 Mayıs 2018, ss.1-4
- XV. **C3: Configurable CAN FD controller: Architecture, design and hardware implementation**  
Afşin M. E., Schmidt K. V., Schmidt E. G.  
12th IEEE International Symposium on Industrial Embedded Systems, SIES 2017, Toulouse, Fransa, 14 - 16 Haziran 2017
- XVI. **Improved load distribution for controller area network**  
Batur A., SCHMİDT Ş. E., SCHMİDT K. V.  
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 Mayıs 2017
- XVII. **A fast and optimal static segment scheduling method for FlexRay v3.0**  
ÇAKMAK C., SCHMİDT Ş. E., SCHMİDT K. V.  
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 Mayıs 2017
- XVIII. **A Configurable CAN FD controller: Architecture and implementation**  
Afşin M. E., SCHMİDT K. V., SCHMİDT Ş. E.  
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 Mayıs 2017
- XIX. **A New Multi-Agent Decision Making Structure and Application to Model-Based Fault Diagnosis Problem**  
LEBLEBİCİOĞLU M. K., Zengin Y., Schmidt K. V.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Türkiye, 15 - 18 Mayıs 2017
- XX. **Lane Change Scheduling for Autonomous Vehicles**  
Atagoziyev M., SCHMİDT K. W., SCHMİDT Ş. E.  
14th IFAC Symposium on Control in Transportation Systems (CTS), İstanbul, Türkiye, 18 - 20 Mayıs 2016, cilt.49,

ss.61-66

- XXI. **Discrete event supervisor design and application for manufacturing systems with arbitrary faults and repairs**  
Acar A. N., Schmidt K. V.  
11th IEEE International Conference on Automation Science and Engineering, CASE 2015, Gothenburg, İsveç, 24 - 28 Ağustos 2015, ss.825-830
- XXII. **Fault-tolerant control of discrete-event systems with lower-bound specifications**  
Moor T., Schmidt K. V.  
5th IFAC International Workshop on Dependable Control of Discrete Systems, DCDS 2015, Cancun, Meksika, 27 - 29 Mayıs 2015, cilt.28, ss.161-166
- XXIII. **Computation of supervisors for fault-recovery and repair for discrete event systems**  
Sülek A. N., Schmidt K. V.  
12th IFAC/IEEE Workshop on Discrete Event Systems, WODES 2104, Cachan, Fransa, 14 - 16 Mayıs 2014, cilt.9, ss.428-433
- XXIV. **An optimization model to coordinate scheduling and controlling in projects: Case with instantaneous control constraints**  
Hazir Ö., Schmidt K. V., Eryilmaz U.  
1st International Conference on Engineering and Applied Sciences Optimization, OPT-i 2014, Kos Island, Yunanistan, 4 - 06 Haziran 2014, ss.2095-2110
- XXV. **Abstraction-based supervisory control for recon-gurable manufacturing systems ?**  
Khalid H. M., Kirik M. S., Schmidt K. V.  
4th IFAC Workshop on Dependable Control of Discrete Systems, DCDS 2013, York, Birleşik Krallık, 4 - 06 Eylül 2013, cilt.4, ss.157-162
- XXVI. **Computation of fault-tolerant supervisors for discrete event systems ?**  
Sülek A. N., Schmidt K. V.  
4th IFAC Workshop on Dependable Control of Discrete Systems, DCDS 2013, York, Birleşik Krallık, 4 - 06 Eylül 2013, cilt.4, ss.115-120
- XXVII. **Optimal configuration changes for reconfigurable manufacturing systems**  
Schmidt K. V.  
52nd IEEE Conference on Decision and Control, CDC 2013, Florence, İtalya, 10 - 13 Aralık 2013, ss.7621-7626
- XXVIII. **Fuzzy Hybrid Systems modeling with application in decision making and control**  
Boutalis Y., Moor T., Schmidt K. V.  
2012 6th IEEE International Conference Intelligent Systems, IS 2012, Sofija, Bulgaristan, 6 - 08 Eylül 2012, ss.290-296
- XXIX. **Computation of supervisors for reconfigurable machine tools**  
Schmidt K. V.  
11th International Workshop on Discrete Event Systems, WODES 2012, Guadalajara, Meksika, 3 - 05 Ekim 2012, cilt.45, ss.227-232
- XXX. **Hierarchical control with partial observations: Sufficient conditions**  
Boutin O., Komenda J., Masopust T., Schmidt K. V., Van Schuppen J. H.  
2011 50th IEEE Conference on Decision and Control and European Control Conference, CDC-ECC 2011, Orlando, FL, Amerika Birleşik Devletleri, 12 - 15 Aralık 2011, ss.1817-1822
- XXXI. **Computation of projections for the abstraction-based diagnosability verification**  
Schmidt K. V.  
10th International Workshop on Discrete Event Systems, WODES 2010, Berlin, Almanya, 30 Ağustos - 01 Eylül 2010, cilt.10, ss.199-204
- XXXII. **Applied supervisory control for a flexible manufacturing system**  
Moor T., Schmidt K. V., Perk S.  
10th International Workshop on Discrete Event Systems, WODES 2010, Berlin, Almanya, 30 Ağustos - 01 Eylül 2010, cilt.10, ss.253-258
- XXXIII. **Hierarchical multitasking control of discrete event systems: Computation of projections and maximal**

**permissiveness**

Schmidt K. V., De Queiroz M. H., Cury J. E.

10th International Workshop on Discrete Event Systems, WODES 2010, Berlin, Almanya, 30 Ağustos - 01 Eylül 2010, cilt.10, ss.98-103

**XXXIV. Multi-objective decision making using fuzzy discrete event systems: A mobile robot example**

Boutalis Y., Schmidt K. V.

18th Mediterranean Conference on Control and Automation, MED'10, Marrakech, Fas, 23 - 25 Haziran 2010, ss.575-580

**XXXV. A longest path problem for evaluating the worst case packet delay of switched ethernet**

SCHMIDT K. V., SCHMİDT Ş. E.

International Symposium on Industrial Embedded System (SIES), Trento, Italy, 7 - 09 Temmuz 2010

**XXXVI. Performance evaluation of FlexRay CAN networks interconnected by a gateway**

SCHMİDT Ş. E., Alkan M., SCHMIDT K. V., YÜRÜKLÜ E., Karakaya U.

International Symposium on Industrial Embedded System (SIES), Trento, Italy, 7 - 09 Temmuz 2010

**XXXVII. Controller aggregation for distributed discrete-event supervisors on a shared-medium network**

Schmidt K. V.

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**XXXVIII. Mobile robot navigation based on fuzzy discrete event systems**

Tampakis G., Schmidt K. V., Boutalis Y.

2nd IFAC International Conference on Intelligent Control Systems and Signal Processing, İstanbul, Türkiye, 21 - 23 Eylül 2009, cilt.2

**XXXIX. Redundant tasks in multitasking control of discrete event systems**

Schmidt K. V., Cury J. E.

2nd IFAC Workshop on Dependable Control of Discrete Systems, DCDS'09, Bari, İtalya, 10 - 12 Haziran 2009, cilt.2, ss.16-21

**XL. Reliable and safe operation of distributed discrete-event controllers: A networked implementation wi**

Schmidt K. V., Schmidt E. G., Zaddach J.

17th World Congress, International Federation of Automatic Control, IFAC, Seoul, Güney Kore, 6 - 11 Temmuz 2008, cilt.17

**XLI. Message scheduling for the static segment of the FlexRay protocol FlexRay protokolu statik bölüü için mesaj çizelgelenmesi**

Schmidt E. G., Schmidt K. V.

2008 IEEE 16th Signal Processing, Communication and Applications Conference, SIU, Aydın, Türkiye, 20 - 22 Nisan 2008

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