

ANKIT R. PATEL

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🌐 <https://www.majorankit.com>



RESEARCH INTERESTS

- > Users and Society
- > Customer Experience
- > User-Centered Design
- > Human Factors and Interaction
- > Socially Inclusive Transportation

EDUCATION

2018 - Nov. 2024 Ph.D in Electronics & Computer Engineering

University of Minho, Guimarães, Portugal

> Thesis Topic : *Human Aware Assistance Systems for Cognitive Vehicles*

> Advisors : *Prof. Estela Bicho & Prof. Sergio Monteiro*

ADAS | human factors | interaction | personalization | users' experience

2011 Master of Technology in Electrical Engineering (Control Systems)

Veerмата Jijabai Technological Institute (VJTI), Mumbai

Mumbai University, Mumbai, India

> Thesis Topic : *Dynamics and Control of Biped Robot*

> Advisor : *Prof. Dharendra R. Mehta*

control systems | dynamical system | SQP

2003 Bachelor of Engineering in Electrical Engineering (Microprocessors & Microcontrollers)

Government Engineering College (GEC), Modasa

Hemchandracharya North Gujarat University, Patan, India

> Thesis Topic : *Conceptualization of Design in the Context of Industry 4.0*

> Advisor : *Prof. Bhavik. N. Suthar*

design | concept | industry 4.0

RESEARCH EXPERIENCE

2018-2021 Research Assistant

University of Minho, Guimaraes, Portugal

During my tenure at the University of Minho, Portugal I led two projects related to the theme "Experience is Everything – Easy Ride" collaborated with Bosch Car Multimedia Portugal, S.A., and co-financed by the European Regional Development Fund (ERDF) through PORTUGAL 2020 – Operational Program for Competitiveness and Internationalization (COMPETE 2020).

cognitive vehicle | preferences | personalization | cockpit

PUBLICATIONS

Journal Articles

[J4] 2024 - Transportation Planning and Technology

Ankit R. Patel, Sergio Monteiro, and Estela Bicho

A Journey From Users' Experience to Their Expectations in the Realm of Future Advanced Driver Assistance Systems

Transportation Planning and Technology, pp. 1-28, July 2024
Impact Factor : 2.2, Q2
<https://doi.org/10.1080/03081060.2024.2372366>

[J3] 2022 - Sustainability

Ankit R. Patel, Dhaval R. Vyas, Anilkumar Markana, and Raja Jayaraman
A Conceptual Model for Integrating Sustainable Supply Chain, Electric Vehicles, and Renewable Energy Sources
Sustainability, vol. 14, no. 21, pp. 14484, November 2022.
Impact Factor : 3.3, Q1
<https://doi.org/10.3390/su142114484>

[J2] 2011 - WASET International Journal of Electrical and Computer Engineering

Ankit R Patel, Ankit A Patel, Mahesh A Patel, and Dhaval R Vyas
Modeling and Simulation of Photovoltaic Based LED Lighting Systems
WASET International Journal of Electrical and Computer Engineering, UAE, vol. 5, no. 1, pp. 75-79, 2011.
<https://publications.waset.org/13125/pdf>

[J1] 2009 - International Journal of Recent Trends in Engineering

Mahesh A Patel, Ankit R Patel, Dhaval R Vyas, and Ketul M Patel
Use of PWM Techniques for Power Quality Improvement
International Journal of Recent Trends in Engineering, Finland, Vol. 1, no. 4, pp. 99-102, May 2009.
https://www.academia.edu/5979520/Use_of_PWM_Techniques_for_Power_Quality_Improvement

Book Chapter

[BC1] 2017 - Springer

Ankit R Patel, Rajesh S Patel, Navdeep M Singh, and Faruk S Kazi
Vitality of Robotics in Healthcare Industry : An Internet of Things (IoT) Perspective
Internet of Things and Big Data Technologies in Next Generation Healthcare, Studies in Big Data, Vol. 23, Springer International Publishing AG, pp. 91-109, 2017.
https://doi.org/10.1007/978-3-319-49736-5_5

Conference Papers

[C21] 2024 - ACM AutomotiveUI

James M. Rampton, Lionel P. Robert Jr., Myounghoon Jeon, Manhua Wang, Gayoung Ban, Ankit R. Patel and Dave B. Miller
Steering UX Education : Designing an Automotive UX Course
16th International ACM Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI), Stanford, CA, USA.
<https://doi.org/10.1145/3641308.3677397>

[C20] 2024 - IEEE SeFeT

Ankit R. Patel, Richa Ahuja, and Mariacristina Roscia
Facilitating Citizen Engagement in Smart City Mobility
IEEE 4th International Conference on Sustainable Energy and Future Electric Transportation (SEFET), Hyderabad, India.
<https://doi.org/10.1109/SEFET61574.2024.10717973>

[C19] 2024 - Springer ICCSA

Ankit R. Patel, Ankit A. Patel, Tiziana Campisi, and Mariacristina Roscia
User-Centered Policy Interventions for Future Cities
24th International Conference on Computational Science and Its Applications (ICCSA), Hanoi, Vietnam.
https://doi.org/10.1007/978-3-031-65329-2_10

[C18] 2023 - ACM AutomotiveUI

Ankit R. Patel, Philipp Wintersberger, Nathan Tenhundfeld, Dustin Souders, Tiziana C. Callari, and Tanja Stoll
1st "International Workshop on Human And Technology" (i-WHAT) Theme : In the realm of ADAS
15th International ACM Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI), Ingolstadt, Germany.
<https://doi.org/10.1145/3581961.3609823>

[C17] 2023 - ACM AutomotiveUI

Kristina S. Pececnik, Seul Chan Lee, Sara Hong, Martina Schuss, Hatice S. Ippoliti, Ankit R. Patel, Andreas Locken, Debargha Dey, Andreas Riener, Alexander Miring, and Myounghoon Jeon

How to Ensure Diversity and Inclusion at Conferences? A Workshop for General Chairs, Program Committee Members, Reviewers and Authors : A Workshop for General Chairs, Program Committee Members, Reviewers and Authors
15th International ACM Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI), Ingolstadt, Germany.
<https://doi.org/10.1145/3581961.3609838>

[C16] 2023 - IEEE ICRERA

Ankit R. Patel and Mariacristina Roscia
Assessing the Impact of Sociopolitical Factors on the Rollout of Electric Freight Mobility
12th International Conference on Renewable Energy Research and Applications (ICRERA), Oshawa, Canada.
<https://doi.org/10.1109/ICRERA59003.2023.10269373>

[C15] 2023 - IEEE ISC2

Ankit R. Patel, Mariacristina Roscia, and Dean Vucinic
Legal Implications for Autonomous Vehicles Mobility in Future Smart Cities
9th IEEE International Smart Cities Conference (ISC2), Bucharest, Romania.
<https://doi.org/10.1109/ISC257844.2023.10293522>

[C14] 2023 - Springer ICHCSC

Ankit R. Patel and Nikolina Ljepava
How Will Autonomous Vehicles Increase Ease of Life?
2nd International Conference on Human Centric Smart Computing (ICHCSC), New Delhi, India.
https://doi.org/10.1007/978-981-99-7711-6_51

[C13] 2022 - University of Cambridge, UK

Ankit R. Patel, Dhaval R. Vyas, and Rajesh S. Patel
Making Resilient Transition Towards Net-Zero Freight Transport Process Easier Through Socio-Economic, Regulatory, and Political Factors : Case Study of Mahesana City in India
9th International Workshop on Sustainable Road Freight (SRF), Cambridge, UK.
<https://www.csrf.ac.uk/9th-international-workshop-on-sustainable-road-freight/>

[C12] 2022 - Springer ICCSA

Ankit R. Patel, Giovanni Tesoriere, and Tiziana Campisi
Users' Socio-economic Factors to Choose Electromobility for Future Smart Cities
22nd International Conference on Computational Sciences and Its Applications (ICCSA), Malaga, Spain.
https://doi.org/10.1007/978-3-031-10542-5_23

[C11] 2021 - IEEE WPMC

Ankit R. Patel, Gargi Trivedi, Dhaval R. Vyas, Adriana-Simona Mihaita, and Padmanaban Sanjeevikumar
Framework for User-Centered Access to Electric Charging Facilities via Energy-Trading Blockchain
24th International Symposium on Wireless Personal Multimedia Communications (WPMC), Okayama, Japan.
<https://doi.org/10.1109/WPMC52694.2021.9700475>

[C10] 2021 - IEEE RTSI

Ankit R Patel, Flora Ferreira, Sergio Monteiro, Ana Carolina Silva, Wolfram Erlhagen, and Estela Bicho
Prediction of Attitudes Towards Human-Centred Cognitive Vehicles Aware of Their Users' Routines and Preferences
6th IEEE International Forum on Research and Technologies for Society and Industry (RTSI), Naples, Italy.
<https://doi.org/10.1109/RTSI50628.2021.9597265>

[C9] 2020 - Springer HCII

Ankit R Patel, Flora Ferreira, Sergio Monteiro, and Estela Bicho
Global Implications of Human Tendencies Towards Automated Driving and Human Driver Availability in Autonomous Vehicles
22nd International Conference on Human-Computer Interaction (HCII), Copenhagen, Denmark.
https://doi.org/10.1007/978-3-030-59987-4_13

[C8] 2019 - IEEE/RSJ IROS

Flora Ferreira, Weronika Wojtak, Wolfram Erlhagen, Paulo Vicente, Ankit R Patel, Sergio Monteiro, and Estela Bicho
A Dynamic Neural Model for Endowing Intelligent Cars with the ability to Learn Driver Routines : Where to go, When to arrive and How long to stay there?
2019 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) in Workshop on Cognitive Vehicles, Macau, China.
<https://cogvehicles2019.github.io/assets/proceedings/proceedings.pdf>

[C7] 2018 - IEEE IC3A

Ankit R Patel, Sahar Azadi, Mohammad Hossein Babaee, Nafiseh Mollaei, Kalpesh L Patel, and Dharendra R Mehta
Significance of Robotics in Manufacturing, Energy, Goods and Transportation Sector in Internet of Things (IoT) Paradigm
4th International Conference on Computing, Communication, Control and Automation (IC3A), Pune, India.
<https://doi.org/10.1109/IC3A.2018.8697488>

[C6] 2016 - IEEE SEGE

Ankit R Patel, Dhaval R Patel, and Rahul D Sathvara
Future Smart Home Using Intelligent Electronic Devices
4th IEEE International Conference on Smart Energy Grid Engineering (SEGE), Oshawa, Canada.
<https://doi.org/10.1109/SEGE.2016.7589508>

[C5] 2013 - IEEE ICBR

Dhaval R Vyas, Jyoti Ohri, and Ankit R Patel
Comparison of Conventional and Fuzzy Based Sliding Mode PID Controller for Robot Manipulator
2013 IEEE Conference on Individual and Collective Behaviors in Robotics (ICBR), Sousse, Tunisia.
<https://doi.org/10.1109/ICBR.2013.6729269>

[C4] 2012 - IEEE SoutheastCon

Ankit R Patel, Mahesh A Patel, and Dhaval R Vyas
Modeling and Analysis of Quadrotor using Sliding Mode Control
44th IEEE Southeastern Symposium on System Theory (erstwhile SSST, now SoutheastCon), Jacksonville, Florida, USA.
<https://doi.org/10.1109/SSST.2012.6195140>

[C3] 2012 - Elsevier C3IT

Ankit R Patel, Mahesh A Patel, and Dhaval R Vyas
Variational Analysis and Sequential Quadratic Programming Approach for Robotics
2nd International Conference on Computer, Communication, Control and Information Technology (C3IT), Hooghly, India.
<https://doi.org/10.1016/j.protcy.2012.05.102>

[C2] 2011 - IEEE RAICS

Ankit R Patel, Ankit A Patel, Mahesh A Patel, and Dhaval R Vyas
Variational Analysis Approach and its Applications to Robotics
IEEE International Conference on Recent Advances in Intelligent Computational Systems (RAICS), Trivandrum, India.
<https://doi.org/10.1109/RAICS.2011.6069301>

[C1] 2010 - IEEE ICETET

Ankit A Patel and Ankit R Patel
Modeling of Hybrid Dynamical Systems - An Approach to Solve Complex Power Electronic Circuits
3rd IEEE International Conference on Emerging Trends in Engineering Technology (ICETET), Goa, India.
<https://doi.org/10.1109/ICETET.2010.60>

PROFESSIONAL EXPERIENCE

November 2015
September 2017

Lecturer | Electrical and Computer Engineering, UNIVERSITY OF JEDDAH, Kingdom of Saudi Arabia

- > Taught theory and laboratory courses of control systems and electromagnetic field
- > Co-supervised senior project for bachelor of science program in ECE
- > Advised students of electrical and computer engineering as student advisor

advisor control systems electromagnetics

July 2015
November 2015

Assistant Professor | Electrical Engineering, GUJARAT POWER ENGINEERING & RESEARCH INSTITUTE, India

- > Taught course on basic electrical engineering and linear electronics
- > Supervise bachelors students on their final year projects

basic electrical linear electronics projects

December 2010 July 2015	Assistant Professor Electrical Engineering, L. C. INSTITUTE OF TECHNOLOGY, India <ul style="list-style-type: none"> > Advisor for masters and bachelors students for their final year project > Set-up control systems, advanced computing laboratory > Organize various student activities including project presentation, industrial visits, active societal involvement > Coordinator for the annual event > Coordinator for the faculty development program > Taught courses in bachelors and masters level <p>advisor projects events student activities faculty development lab development</p>
August 2008 November 2010	Lecturer Electrical Engineering, L. C. INSTITUTE OF TECHNOLOGY, India <ul style="list-style-type: none"> > Taught basic electrical engineering courses > Manage interaction between faculty-parents <p>teaching basic engineering faculty-parent interaction</p>
September 2006 August 2008	Lecturer Electrical Engineering, S. S. POLYTECHNIC COLLEGE, India <ul style="list-style-type: none"> > Taught renewable energy sources and instrumentation > Involved in examination works > Student project coordinator <p>renewable energy instrumentation exam project</p>
February 2006 August 2006	Junior Engineer Transmission and Maintenance, GUJARAT ENERGY TRANSMISSION CORPORATION LTD. (GETCO), India <ul style="list-style-type: none"> > Handling day-to-day 66 KV substation operations > Maintenance of substation on a regular basis > Ensure smooth coordination between staff members <p>substation maintenance smooth operation coordination</p>
July 2005 February 2006	Adhoc Lecturer Electrical Engineering, L. C. INSTITUTE OF TECHNOLOGY, India <ul style="list-style-type: none"> > Taught basic electrical engineering course > Manage laboratory operations <p>teaching basic electrical lab operation</p>
September 2003 September 2004	Graduate Engineer Trainee Electrical Engineering, GUJARAT ELECTRICITY BOARD, India <ul style="list-style-type: none"> > Posted at 1470 MW Wanakbori Thermal Power Station, Gujarat > Look after operational details of the power plant from coal-yard to transmission unit > Check out maintenance and operation whenever possible > Visit control panel of the power plant and see everything is working well or not <p>WTPS operations maintenance coal-yard transmission control panel</p>

ACADEMIC DUTIES

Edition :

Year : 2025

- > Accessibility, Diversity, and Inclusion Chair at ACM COMPASS, July 2025, Toronto, Canada.
More details : <https://compass.acm.org/>
- > Track Co-Chair for the "Methods and Technologies for AI and Smart Cities" track at the 9th IEEE International forum on the Research and Technologies for Society and Industry (RTSI), August 2025, Gammarth, Tunisia.
More details : <https://2025.ieee-rtsi.org/>
- > International Advisory Committee, ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC), February 2025, Chandigarh, India.
More details : <https://asceconferenceindia.org/>
- > Conference Co-Chair, International Conference on Resilient Urbanism and Safe Mobility, March 2025, Bhopal, India.
More details : <https://conf.manit.ac.in/visionzerosummit/>
- > Scientific Committee Member, Design Research Society (DRS) Special Interest Group (EdSIG) LearnXDesign conference (LXD), September 2025, Aveiro, Portugal.
More details : <https://www.lxd2025.com/>
- > Scientific Committee Member, The 12th Triennial Symposium on Transportation Analysis Conference (TRISTAN), June 2025, Okinawa, Japan.
More details : <https://tristan2025.org/>
- > Associate Chair, The ACM International Conference on Supporting Group Work (GROUP), January 2025, Hilton Head Island,

South Carolina, USA.

More details : <https://group.acm.org/conferences/group25/index.php>

- > Scientific Committee Member, 8th International Conference on Information Technology & Systems (ICITS), January 2025, Mexico City, Mexico.

More details : <https://icits.me/index.php>

Year : 2024

- > Scientific Committee Member, 4th International Conference on Logistics System, Traffic, and Transportation (LSTT), December 2024, Guangzhou, China.
More details : <https://www.lstt.org/>
- > Technical Program Committee Member, IEEE 9th International Conference on Intelligent Transportation Engineering (ICITE), October 2024, Xi'an, China.
More details : <https://www.icite.org/index.html>
- > Session Chair, IEEE 4th International Conference on Sustainable Energy and Future Electric transportation (SEFET), August 2024, Hyderabad, India.
More details : <https://sefet.in/>
- > Senior Advisory Board Member, International Conference of Smart and Sustainable Built Environment (SASBE), November 2024, Auckland, New Zealand.
More details : <https://www.sdsbe2024.com/>
- > Ambassador for Global Plaza Sessions, ACM Conference on Human Factors in Computing Systems (CHI), May 2024, Honolulu, Hawaii, USA.
More details : <https://chi2024.acm.org/>
- > Associate Chair, 16th International ACM Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI), September 2024, Stanford, USA.
More details : <https://www.auto-ui.org/24/>
- > Associate Chair, Mensch and Computer (MuC) conference, September 2024, Karlsruhe, Germany.
More details : <https://muc2024.mensch-und-computer.de/en/>
- > Technical Program Committee Member of "Sustainable Cognitive Cities" at the 1st International Conference on Smart Mobility and Logistics Ecosystems (SMILE), September 2024, Dhahran, Saudi Arabia.
More details : <https://events.kfupm.edu.sa/event/155/>
- > Technical Program Committee Member, 20th Annual International Conference on Distributed Computing in Smart Systems and the Internet of Things (DCOSS-IoT), April 2024, Abu Dhabi, UAE.
More details : <https://dcoss.org/>
- > Associate Editor, 17th IFAC Symposium on Control in Transportation Systems (CTS), July 2024, Ayia Napa, Cyprus.
More details : <https://ifaccts2024.wixsite.com/ifac-cts2024>
- > Technical Committee Member, 13th EAI International Conference : ArtsIT, Interactivity and Game Creation (ArtsIT), November 2024, Abu Dhabi, UAE.
More details : <https://artsit.eai-conferences.org/2024/>
- > Technical Program Committee member at the 2024 IEEE World Forum on Public Safety Technology (WF-PST), May 2024, Washington D.C., USA.
More details : <https://ieee-wfpst.org/>
- > Member of the Scientific Committee, 7th International Conference on Contemporary Affairs in Architecture and Urbanism (ICCAUA), May 2024, Alanya, Turkiye.
More details : <https://www.iccaua.com/page/home>
- > Associate Chair, ACM International Conference on Interactive Media Experiences (IMX), June 2024, Stockholm, Sweden.
More details : <https://imx.acm.org/2024/>
- > Diversity, Inclusion, and Accessibility Chair at the ACM COMPASS July 2024, New Delhi, India.
More details : <https://compass.acm.org/>
- > Track chair for the session on Electric, Hybrid Electric, and Plug-in Electric Vehicle System Architectures and Control at the 2024 IEEE Transportation Electrification Conference Expo (ITEC) from June 19–21, 2024, in Chicago, IL, United States.
More details : <https://itec-conf.com/conference>
- > Scientific Committee Member, IEEE 15th International Conference on Logistics and Supply Chain Management (LOGISTIQUA), Sousse, Tunisia, May 2024.
More details : <http://www.logistiqua.com/>
- > TPC Member, The First International Symposium on Intelligent Technology for Future Transportation (ITFT2024), Helsinki, Finland, 2024.
More details : <https://itft.org/committees.html>

Year : 2023

- > Associate Editor, Journal of Social Economics Research.
More details : <https://www.conscientiabeam.com/journal/35/aimandscope.html>

- › Session Chair, 5th International Conference on Soft Computing and its Engineering Applications (icSoftComp2023), India, December 2023.
More details : <https://www.charusat.ac.in/icSoftComp2023/index.php>
- › TPC Member, IEEE GreenTech, Sustainability, and Net Zero Policies Practices Symposium (IEEE GTSNZ), Dubai, UAE, December 2023.
More details : <https://gtsnz.org>
- › Moderator for the pre-conference keynote speech on "Smart Sensor, the Catalysts of Transformation in the Smart Grid Advancements" at the IEEE AFRICON conference.
More details : <https://2023.ieee-africon.org/program/pre-conference-virtual-program/>
- › Lead Editor for the Special Issue on "User-Centered Advanced Driver Assistance Systems" in Journal on Multimodal User Interfaces (JMUI) with impact factor : 2.9, Q2.
More details : <https://www.springer.com/journal/12193/updates/17240266>
- › Associate Editor for the "EAI Endorsed Transactions on Smart Cities".
More details : <https://publications.eai.eu/index.php/sc/index>
- › Track Chair for "Consumer Cabin Comfort, Charging Behaviour, Shared Mobility, Decision Planning, and Pricing" at the 2023 iTEC INDIA Conference, Chennai, India, 2023.
More details : <https://saeindia.org/events/itecindia-2023/>
- › Co-chair for the "Industrial Electronics, Control, Autonomous Systems, Instrumentation, Biomedical Engineering and Consumer Applications" at the 13th IEEE AFRICON conference, Nairobi, Kenya, 2023.
More details : <https://2023.ieee-africon.org/organising-committee/technical-program-committee/>
- › Programme Committee Member for the 3rd Workshop on E-Science Research Leading to Negative Results (ERROR) in conjunction with IEEE e-Science conference, Limassol, Cyprus, 2023.
More details : <https://error-workshop.org/>
- › Editorial Board Member for the Journal of Sustainable Urban Mobility.
More details : <https://ipmmu.com.br/josum/about/editorialTeam>
- › Topic Chair for the track "Open Research Problems in Industry" at the IEEE Energy Conversion Congress and Expo (IEEE ECCE), Nashville, TN, USA, 2023.
More details : <https://www.ieee-ecce.org/2023/>
- › Proceedings Chair for the 19th IEEE International Conference on e-Science (e-Science), Limassol, Cyprus, 2023.
More details : <https://www.escience-conference.org/2023/organizers>
- › Co-Chair for Diversity, Equity and Inclusion at the 15th International ACM Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI), Ingolstadt, Germany, 2023.
More details : <https://www.auto-ui.org/23/organizers-2/>
- › Associate Chair for the ACM International Conference on Interactive Media Experiences (IMX), Nantes, France, 2023.
More details : <https://imx.acm.org/2023/committees/associate-chairs/>
- › Track chair for the session on Electric, Hybrid Electric, and Plug-in Electric Vehicle System Architectures and Control at the 2023 IEEE Transportation Electrification Conference & Expo (ITEC), Detroit, MI, USA, 2023.
More details : <https://itec-conf.com/conference/committees/>

Year : 2022

- › Technical Program Committee Member for the International Fintech Conference (IFC), Marrakesh, Morocco, 2022.
More details : <https://ifc2022.moroccofintech.org/committee/technical-program-committee/>
- › Editorial Advisory Board Member "Advanced AI and Internet of Health Things Technologies for Combating Pandemic" by Springer, Year 2022.
More details : <https://sites.google.com/view/ioht-pandemic-book/committees?authuser=0>
- › Editorial Advisory Board Member "Computational Intelligence Techniques for Green, Smart Cities" by Springer, Year-2022.
More details : <https://sites.google.com/view/citgreensmartcitiesbook/committees?authuser=0>
- › Editorial Advisory Board Member "Combating Fake News with Computational Intelligence Techniques" by Springer, Year-2022.
More details : <https://sites.google.com/view/cit-fakenews-book/committees?authuser=0>
- › Technical Program Committee Member, International Conference on Cybersecurity, Cybercrimes, and Smart Emerging Technologies (CCSET), May 2022, Riyadh, Saudi Arabia.
More details : <https://ccset2023.fedetcybex.org/committees/>

Review for :

Journals

- › Transport (Vilnius Tech.)
- › Journal of Transport and Health (Elsevier)
- › AIAA Journal of Aerospace Information Systems (AIAA)
- › Transportation Research Part F : Traffic Psychology and Behaviour (Elsevier)

Conferences

- › 17th IFAC Symposium on Control in Transportation Systems (CTS), 2024.
- › 2024 IEEE World Forum on Public Safety Technology (WF-PST), 2024.
- › Mensch and Computer (MuC), 2023, 2024.
- › Annual Meeting of the Transportation Research Board (TRB), 2022, 2023, 2024, 2025.
- › ACM International Conference on Interactive Media Experiences (IMX), 2023, 2024.
- › ACM Conference on Human Factors in Computing Systems (CHI), 2020, 2021, 2023.
- › IEEE/AIAA Transportation Electrification Conference and Electric Aircraft Technologies Symposium (ITEC+EATS), 2022, 2023, 2024.
- › IEEE Energy Conversion Congress and Expo (IEEE ECCE), 2023.
- › 12th Nordic Conference on Human-Computer Interaction (NordCHI), 2022.
- › 18th IFIP TC13 International Conference on Human-Computer Interaction (INTERACT), 2021.
- › 32nd Australian Conference on Human-Computer Interaction (ozCHI), 2020.
- › The Transport Research Arena Conference (TRA), 2020.
- › 16th International Conference on Cooperative Design, Visualization, and Engineering (CDVE), 2019.
- › Intelligent Transportation Society (ITS) of America Annual Meeting, 2019.
- › The 20th World Congress of the IFAC, 2017.

Member :

- › Association for Computing Machinery (ACM)
- › Institute of Electrical & Electronics Engineers (IEEE)
- › IEEE Smart Cities R&D Committee
- › IEEE Smart Cities Publication Committee
- › MIT Caregivers Initiatives
- › Australian Mobilities Research Network
- › Swedish Cognitive Science Society
- › Transportation Research Board (TRB) Committee on Vehicle-Highway Automation (ACP30)
- › Transportation Research Board (TRB) Committee on Highway Capacity and Quality of Service (ACP40)
- › Transportation Research Board (TRB) Committee on Human Factors of Vehicles (ACH30)
- › Transportation Research Board (TRB) Committee on Traveler Behavior and Values (AEP30)
- › Transportation Research Board (TRB) Committee on Transportation Demand Management (AEP60)
- › Group for Research on Organizations and the Natural Environment (GRONEN)

ORGANIZING SESSIONS

- › "*Special Session on Mobility for All (M4A)*" at the IEEE 4th International Conference on Sustainable Energy and Future Electric Transportation (**IEEE SeFeT**) in Hyderabad, India, from July 31–August 3, 2024.
More details are available at <https://www.majorankit.com/ieeeseftet2024specialissue>
- › "*Special Session on Inclusive Electrifying Transportation*" at the 22nd IEEE Mediterranean Electrotechnical Conference (**IEEE MELECON**) in Porto, Portugal, from June 25–27, 2024.
More details are available at <https://www.majorankit.com/ieeemelecon2024>
- › "*1st International Workshop on Human and Technology*" (*Theme : In the realm of ADAS*) at the 15th International ACM Conference on Automotive User Interfaces and Interactive Vehicular Applications (**ACM AutomotiveUI**) in Ingolstadt, Germany, from September 18–21, 2023.
More details are available at <https://www.majorankit.com/i-what2023>
- › "*Workshop on "How to Ensure Diversity and Inclusion at Conferences" : A Workshop for General Chairs, Program Committee Members, Reviewers, and Authors*" at the 15th International ACM Conference on Automotive User Interfaces and Interactive Vehicular Applications (**ACM AutomotiveUI**) in Ingolstadt, Germany, from September 18–21, 2023.
More details are available at <https://autoui23.wixsite.com/workshop-dei>

INVITED TALKS

- › "*TBD*" at the 1st International Conference on Sustainable Computing and Intelligent Systems (ICSCIS), March 2025, Jaipur, India.
More details : <https://conference.poornima.edu.in/icscis/index.html>

YEAR 2024

- › "*How energy and information technology pave the way towards successful deployment of autonomous vehicles?*" at the International Conference on Energy, Materials, and Information Technology (ICEMIT), December 2024, Ranchi, India.
More details : <https://amity.edu/ranchi/ICMMIT2024/default.asp>

- > *"Shaping the Next Generation of Transportation with Artificial Intelligence"* in one week AICTE training and learning FDP on Recent Advancements in AI & Generative AI for Sustainable in Development at Central Tool Room & Training Centre (CTTC), November 2024, Bhubaneswar, India.
More details : <https://www.cttc.gov.in/>
- > *"AI for Mobility : Building Smart Cities"* at Silicon University, November 2024, Bhubaneswar, India.
More details : <https://www.sit.ac.in>
- > *"A Human-Centered Approach to Inclusive Electrifying Transportation"* at the 3rd Odisha IEEE International Conference on Electric Power Engineering, Communication and Computing Technology (ODICON), November 2024, Bhubaneswar, India.
More details : <https://www.odicon.in/index.php>
- > *"Building Safer Cities : Strategies for Integrating Pedestrian, Cycling, and Public Transport Safety"* at the Smarter Mobility Africa Summit, October 2024, Johannesburg, South Africa.
More details : <https://wearevuka.com/mobility/sma-summit/>
- > *"Shaping the Future of Mobility"* at the Navigate Mobility Summit, September 2024, Prague, Czech Republic.
More details : <https://navigatemobility.com/>
- > *"Besides Mobility, What Else Do Users Desire?"* at the Woxsen University, July 2024, Hyderabad, India.
More details : <https://woxsen.edu.in/>
- > *"Building Citizen-Centered Multi-Modal Transport for Casablanca, Morocco"* at the Casablanca Smart City Forum, June 2024, Casablanca, Morocco.
More details : <https://www.casablancasmartcity.com/>
- > *"Socio-Political Factors for Last Mile Delivery of Freight Electric Vehicles"* at the International Webinar on Accessibility and Inland Mobility Advancement Strategies (AIMAS) at University of Enna Kore, April 2024, Enna, Italy.
More details : <https://www.majorankit.com/invitedtalks>
- > *"Nexus of Human-Centered Design, Human Factors, and Autonomous Vehicles"* in the Faculty Development Program on "Integration of IoT-Enabled Sensing Technologies and Artificial Intelligence for Advanced Healthcare, Autonomous Unmanned Vehicle and Renewable Energy : Recent Advancements and Future Trends" at VIT University, April 2024, Chennai, India.
More details : <https://chennai.vit.ac.in/>
- > *"Role of Micromobility in Future Smart Cities"* at the International Summit on Industrial and Manufacturing Engineering (ISIME), April 2024, Munich, Germany.
More details : <https://www.spectrumconferences.com/2024/isime#>
- > *"Let's Have a Ride in the World of Automation and Automotive"* at VIT University, March 2024, Chennai, India.
More details : <https://chennai.vit.ac.in/>
- > *"Humanizing Automation"* at the International Conference on Urban Innovation, School of Planning and Architecture, March 2024, Bhopal, India.
More details : <https://www.spabhupal.ac.in/uic24.aspx>
- > *"Cockpit of the Future : A user-centered exploration"* in Design for Sustainability workshop at Indian Institute of Technology (IIT), February 2024, Guwahati, India.
More details : <http://www.sustainability-and-social-innovation.com/>

YEAR 2023

- > *"Is There Anything We're Forgetting? A Two-Wheeler Drive From a Sociotechnical Standpoint"* at the IEEE ITSS Workshop on Two-Wheeler Safety and Mobility Technologies, Ahmedabad University, November 2023, Ahmedabad, India.
More details : <https://www.2wsafety.com/>

YEAR 2021

- > *"Automated Driving : Where Are We, and What Are We Looking For?"* at Sigma University, March 2021, Vadodara, India.

“ REFERENCES

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