

Complete Program

Paper #

Session Title (Location) Session Chair

Session 1 Human-AI Interaction and Trust (Yorkville Room, 13:30-15:00, May 15) Chair: Jessie Yang

160	Hyesun Chung and X. Jessie Yang	S1.1 Trust in Automation: Associations between Trust Dynamics and Personal Characteristics
107	Onoise Kio, Mingfeng Yuan, Robert Allison and Jinjun Shan	S1.2 Performance-based Data-driven Assessment of Trust
133	Jaturong Kongmanee, Mu-Huan Chung, April Luna, Khilan Khilan, Abhay Raman, Lisa Zhan and Mark Chignell	S1.3 A Human-AI Interaction Dashboard for Detecting Potentially Malicious Emails
106	Mauro Lemus, Upasana Roy, Anirudh Kambhampati, Nguyen Nguyen, Minasadat Attari, Ramakrishna Surya, Filiz Bunyak, Matthew Maschmann, Kannappan Palaniappan and Prasad Calyam	S1.4 Learning-based Image Analytics in User-AI Agent Interactions for Cyber-enabled Manufacturing
163	Roland Oruche, Rithika Akula, Sai Keerthana Goruganthu and Prasad Calyam	S1.5 Holistic Multi-layered System Design for Human-Centered Dialog Systems
171	Surender Suresh Kumar, Missy Cummings and Alexander Stimpson	S1.6 Strengthening LLM Trust Boundaries: A Survey of Prompt Injection Attacks

Session 2 Exoskeleton Design, Haptics, and Control (Yorkville Room, 15:30-17:00, May 15) Chair: Giuseppe D’Aniello

11	Kaleb Mannion, Émélie Séguin and Marc Doumit	S2.1 A Review of Knee Exoskeleton Design Aspects for Improving User Comfort
20	George Smith	S2.2 Brain-Inspired Nonlinear Robust Control Using a Simple Inside-Out Model with Intuitive Tuning
175	Jinlei Lu, Jun Wang, Weiwei Bian, Chan Liu, Ying Mi and Yuming Bo	S2.3 Intelligent hysteresis compensation and tracking control of piezoelectric fast steering mirror
35	Timothy Gregory, Darius Nahavandi and Navid Mohajer	S2.4 Virtual Simulation and Analysis of a Neck Support Exoskeleton for Helicopter Pilots
165	Tiash Rana Mukherjee, Tiago Gunter, Eshan Manchanda, Oshin Tyagi, Ranjana Mehta and Prabhakar Pagilla	S2.5 Assessing effects of soft passive low-back exoskeleton for Emergency Medical Service
32	Chengwei Lin, Wen Qi, Hang Su and Giancarlo Fortino	S2.6 A Visual Calibration driven Gait Analysis Model using Wearables

Session 3 Autonomy in Vehicles and Transportation I (Rosedale Room; 15:30-17:00, May 15) Session Chair: Dirk Söffker

58	Julian Brinkley and Md Atik Enam	S3.1 The ATLAS Autonomous Vehicle HMI: Leveraging Sensory Substitution to Support the Accessibility Needs of Blind and Low Vision Users
60	Julian Brinkley, Earl W. Huff Jr., Aaron Gluck and Md Atik Enam	S3.2 An Autoethnographic Study of the Waymo One Autonomous Ridesharing Ecosystem: Exploring Issues of Accessibility
71	Christopher Holland, Lucas Wan, Sierra Gaudreau, Heather Neyedli and Ya-Jun Pan	S3.3 Comparative Studies on Navigation Performance using Haptic and Visual Feedback for Teleoperated Vehicles
150	Julian Brinkley and Raphael Ugboko	S3.4 Accessible Autonomous Vehicles as Symbiotic Autonomous Systems for Users with Disabilities: Preliminary Design Guidelines
89	Haoyan Jiang, Sachi Mizobuchi and Mark Chignell	S3.5 Discount Driver Mental Workload Assessment

Session 4 Best Paper Award Candidate Presentations (Wellesley Room, 10:45-12:15, May 16) Chair: Jay Wang

17	Scott Meyers, August Capiola, Gene Alarcon and Walter Bennette	S4.1 Transparency and trustworthiness: Exploring human-machine interaction in an image classification task
66	Fahim Anzum and Marina L Gavrilova	S4.2 EmoBlend Fusion: Leveraging Handcrafted and Deep Features for Emotion Detection
120	Tomohiro Nakade, Robert Fuchs and Jürg Schiffmann	S4.3 The Haptic Link Enabling Driver-Automation Teaming
121	Jingyi Huang, Shuying Wu, Ziyi Yang, Yi Zhang, Neretin Evgeny and Bo Li	S4.4 Curiosity Driven Collaborative Reconnaissance of Multiple Unmanned Aerial Vehicles
142	Shreya Sharma, Dana Hughes and Katia Sycara	S4.5 CBGT-Net: A Neuromimetic Architecture for Robust Classification of Streaming Data
168	Camila Correa-Jullian, Marilia Ramos, Ali Mosleh and Jiaqi Ma	S4.6 Exploring Human-Autonomy Teams in Automated Driving System Operations

Session 5 Cognitive Workload and Brain Computer Interface Interface (Yorkville Room, 10:45-12:15, May 16) Chair: Jaime Ruiz

15	Cho Yin Yiu, Kam K.H. Ng, Qinbiao Li and Xin Yuan	S5.1 How do the levels of automation in flight operations affect pilots' cognitive workload, reaction time, and EEG brain waves in cruising flights?
46	Fan He, Karim Elhammady, Sebastian Fischmeister and Catherine M. Burns	S5.2 Preliminary Cognitive Modeling: Comparing Distraction-Based Cyber-Attacks and Alcohol-Related Impairments on Human Drivers
49	Evy van Weelden, Carl van Beek, Maryam Alimardani, Travis Wiltshire, Wietse Ledegang, Eric Groen and Max Louwerse	S5.3 A Passive Brain-Computer Interface for Predicting Pilot Workload in Virtual Reality Flight Training
77	Yunmei Liu, Nicolas S. Grimaldi, Niosh Basnet, David Wozniak, Eric Chen, Maryam Zahabi, David Kaber and Jaime Ruiz	S5.4 Classifying Cognitive Workload Using Machine Learning Techniques and Non-Intrusive Wearable Devices
84	Sachi Mizobuchi, Huei-Yen Winnie Chen and Mark Chignell	S5.5 The Impact of Cognitive Ability and Self-Pacing on Occluded Quasi-Driving Task Performance
65	Tianze Ma, William Speier and Ben Falkenburg	S5.6 Incorporating flash adjacency into the classifier for a language model-based P300 Speller
69	Sadra Zargarzadeh, August Sieben, Ericka Wiebe, Lashan Peiris and Mahdi Tavakoli	S(6.6) Augmented Reality-Based Tumor Localization and Visualization for Robot-Assisted Breast Surgeries (Remote from Session 6 in Rosedale Room)

Session 6 Virtual Reality and Mixed Reality (Rosedale Room, 10:45-12:15, May 16) Chair: Alexis Morris

127	Marc-Antoine Moinnereau and Tiago H. Falk	S6.1 Cybersickness Marker Prediction Using a Biosensors-Instrumented VR Headset: A Pilot Study
136	Yizhen Huang, Alexis Morris and Claire Brunet	S6.2 Designing a Multi-modal Wearable Mixed Reality System for Body Awareness in Workspaces
157	Isabel Barradas, Reinhard Tschiesner and Angelika Peer	S6.3 Quality-independent Emotion Intensity Estimation: Dynamical Models and Physiological Insights
159	Syrine Khelifi and Alexis Morris	S6.4 Mixed Reality IoT Smart Environments with Large Language Model Agents
116	Mahdiyeh Sadat Moosavi, Nusrat Zerin Zenia, Yaoping Hu, Christophe Guillet and Frédéric Merienne	S6.5 The role of auditory and visual stimuli in stress perception and Sensory Preference within virtual environments
69	Sadra Zargarzadeh, August Sieben, Ericka Wiebe, Lashan Peiris and Mahdi Tavakoli	S(6.6) Augmented Reality-Based Tumor Localization and Visualization for Robot-Assisted Breast Surgeries (Presented Virtually in Session 5 in Yorkville Room)

Session 7 (Special Session 1) Adjustable Human-Autonomy Collaboration (Wellesley Room 13:30-15:00, May 16) Chair: Daniel Lafond

38	Sophie Hart, Victoria Steane and Mark Chattington	S7.1 Prospective Decision Modelling of Uncrewed Aerial Vehicle Operators to inform design recommendations for future systems
74	Nicolas Grimaldi, Yunmei Liu, Ryan McKendrick, Jaime Ruiz and David Kaber	S7.2 Deep Learning Forecast of Cognitive Workload Using fNIRS Data
92	Tanya S. Paul, Daniel Lafond, Filipe Carvalhais Sanches and Antoine Fagette	S7.3 AI Agents Learning Human Decision Policies for Collaborative Situation Assessment in NORAD C2
98	Guy André Boy	S7.4 Human Systems Integration of Human-AI Teaming
134	Théodore Letouzé, Benoit Le Blanc, Coralie Vennin, Hélène Unrein and Jean-Marc André	S7.5 System maturity, distribution of tasks, and human expectations for adjustable Human Autonomy Teaming
148	Feng Guo, Xiwang Guo, Jiacun Wang, Weitian Wang, Jinrui Cao and Imane Bigaume	S(9.6) Improved Fireworks Optimization Algorithm for Multi-product Human-robot Collaborative Hybrid Disassembly Line Balancing (Remote from Session 9 in Rosedale Room)
152	Xiwang Guo, Liangbo Zhou, Mengchu Zhou, Weitian Wang, Jiacun Wang and Liang Qi	S(9.7) Balancing Human-robot Collaborative Disassembly Line by Using Dingo Optimization Algorithm (Remote from Session 9 in Rosedale Room)

Session 8 Biosignal Processing (Yorkville Room 13:30-15:00, May 16) Chair: Tiago Falk

117	Himanshu Rishikesh Giri, Pranshu Chandra Bhushan Singh Negi, Shiru Sharma and Neeraj Sharma	S8.1 An Intuitive Real-Time Brain Control Interface based on Motor Imagery and Execution
100	Gregory Bowers and Elizabeth L Fox	S8.2 Mapping attention, performance, and generalized event rates: A multi-task application
13	Akshay Sunil Gurnaney, Reem Al-Baghli and Nada Attar	S8.3 Detecting Bias in Refugee Perception using Face Swapping: An Empirical Eye-Tracking Study
167	Ivan Liu, Songjie Li, Dou Ma, Jian Luan, Xinzhuo Wu, Fangyuan Liu and Shiguang Ni	S8.4 Detecting Moral Emotions with Facial and Vocal Expressions: A Multimodal Emotion Recognition Approach
102	Long Meng and Xiaogang Hu	S8.5 Unsupervised Decoding of Multi-Finger Forces Using Neuronal Discharge Information with Muscle Co-Activations
139	Kazi Farzana Firoz, Younho Seong and Sun Yi	S8.6 A preliminary study of neural signals of Motor Imagery task of Arm movements through Electroencephalography data Classification with Machine Learning

Session 9 Human-Robot Collaborations (Rosedale Room, 13:30-15:00, May 16) Chair: Jay Wang

118	Marta Mondellini, Matteo Lavit Nicora, Pooja Prajod, Elisabeth André, Rocco Vertechy, Alessandro Antonietti and Matteo Malosio	S9.1 Exploring the Dynamics between Cobot's Production Rhythm, Locus of Control and Emotional State in a Collaborative Assembly Scenario
141	Emilio Herrera, Maxim Lyons, Jesse Parron, Rui Li, Michelle Zhu and Weitian Wang	S9.2 Learning-Finding-Giving: A Natural Vision-Speech-based Approach for Robots to Assist Humans in Human-Robot Collaborative Manufacturing Contexts
37	Shikhar Kumar, Ela Liberman-Pinciu, Nofar Dvir, Yael Edan and Tal Oron-Gilad	S9.3 Exploratory Design of Non-Verbal Politeness of a Robotic Arm
164	Timothy Sellers, Tingjun Lei, Chaomin Luo, Lantao Liu and Daniel Carruth	S9.4 Enhancing Human-Robot Cohesion through HAT Methods: A Crowd-Avoidance Model for Safety Aware Navigation
148	Feng Guo, Xiwang Guo, Jiacun Wang, Weitian Wang, Jinrui Cao and Imane Bigaume	S(9.6) Improved Fireworks Optimization Algorithm for Multi-product Human-robot Collaborative Hybrid Disassembly Line Balancing (Virtually Presented in Session 7 in Wellesley Room)
152	Xiwang Guo, Liangbo Zhou, Mengchu Zhou, Weitian Wang, Jiacun Wang and Liang Qi	S(9.7) Balancing Human-robot Collaborative Disassembly Line by Using Dingo Optimization Algorithm (Virtually Presented in Session 7 in Wellesley Room)

Session 10 (Special Session 4-I) Human-Machine Teaming (HMT) for Effective Decision-Making (Wellesley Room, 15:30-17:00, May 16) Chair: Aren Hunter

41	Robert Arrabito, Ming Hou, Sebastian Fischmeister, Tiago Falk, Hannah Willoughby, Madison Cameron, Liam Foley, Sarah Normandin and Simon Banbury	S10.1 Techniques to capture the human multi-sensory experience of cyber-attacks
151	Dale Richards	S10.2 Decision Strings: Their application within a Human Machine Team
55	Mary MacLean, Daniel Lafond and Jiye Li	S10.3 Capturing Expert Judgment Policies for Assessing Automated Sonar Range Prediction Credibility
76	Grace Barnhart, Aren Hunter, David Westwood and Heather Neyedli	S10.4 The impact of automated planning aids on situation awareness and workload in the monitoring of uncrewed vehicles
99	Frank Flemisch, Michael Preutenborbeck, Laurenz Burlage and Alexander Ripkens	S10.5 Dilemma Model of Cooperative Guidance and Control to solve the speed-certainty-dilemma in Human-Autonomy Teaming: First Sketch
140	Luca Aliberti, Giuseppe D'Aniello, Giancarlo Fortino and Matteo Gaeta	S10.6 Situation Projection for enhanced Human-Machine Interaction based on Rule Mining

Session 11 Human-Machine Interfaces (Yorkville Room, 15:30-17:00, May 16) Chair: Marina Gavrilova

110	Md Atik Enam, Ananta Bastola and Julian Brinkley	S11.1 Are the External Human-Machine Interfaces (eHMI) Accessible for People with Disabilities? A Systematic Review
93	Ryuji Matsuo, Hailong Liu, Toshihiro Hiraoka and Takahiro Wada	S11.2 Enhancing the Driver's Comprehension of ADS's System Limitations: An HMI Providing Request-to-Intervene Trigger and Reason Explanation
111	Md Atik Enam, Ananta Bastola and Julian Brinkley	S11.3 An Inclusive Model for External Human Machine Interfaces of Autonomous Vehicles
31	Prakash Jamakatel and Jane Jean Kiam	S11.4 A System Level Overview of FRICO --- A Single-Pilot Cockpit Assistance System
33	Baiheng Wu, Lars Ivar Hatledal, Andreas Madsen, Tongtong Wang, Andreas Brandsæter and Ottar Osen	S11.5 Data interface for an interactable ship bridge towards MASS at human-in-the-loop levels
86	Eddie Guo, Christopher Perlette, Mojtaba Sharifi, Lukas Grasse, Matthew Tata, Vivian K. Mushahwar and Mahdi Tavakoli	S11.6 Speech-Based Human-Exoskeleton Interaction for Lower Limb Motion Planning
50	Yin-Hsuan Sung, Shih-Yi Chien and Fang Yu	S(12.6) Preliminary Validation of Explainable AI Interfaces across Heuristics and Information Transparency (Remote from Session 12 in Rosedale Room)

Session 12 Explainable AI (Rosedale Room, 15:30-17:00, May 16) Chair: Arash Mohammadi

132	Hengameh Irandoust and Shadi Ghajar-Khosravi	S12.1 A Brief History of Intelligent Systems Explanations: Concepts, Design, and Evaluation
14	Gene Alarcon, Sarah Jessup, Dexter Johnson and Walter Bennette	S12.2 Performance Transparency in Machine Learning Algorithms: The influence of Confidence Intervals
64	Shikhar Kumar, Yisrael Parmet and Yael Edan	S12.3 Exploratory user study on verbalization of explanations
137	Justin Bonny and Kevin Wynne	S12.4 Increasing Human-likeness and Acceptance of Conversational Autonomy through Experience
82	Wei Xu and Zaifeng Gao	S12.5 Enabling Human-Centered AI: A Methodological Perspective
50	Yin-Hsuan Sung, Shih-Yi Chien and Fang Yu	S(12.6) Preliminary Validation of Explainable AI Interfaces across Heuristics and Information Transparency (Virtually Presented in Session 11 in Yorkville Room)

Session 13 (Special Session 2) HMT on the Battlefield (Wellesley Room, 10:45-12:15, May 17) Chair: Jack Collier

90	Jack Collier and Jordy Sehn	S13.1 Hard Act to Follow: A Practical Leader-Follower System using Curvilinear Formation Motion Plans
105	Samson Palmer, Dale Richards and Graham Shelton-Rayner	S13.2 Human-Autonomy Teaming and Trust: The Role of Neuroimaging
80	Sebastian Lindner and Axel Schulte	S13.3 Enhancing Tactical Military Mission Execution through Human AI Collaboration: A View on Air Battle Management Systems
155	Lesong Jia, Anfeng Peng, Huao Li, Xuehang Guo and Michael Lewis	S13.4 Situation Theory Based Query Generation for Determining Situation Awareness Across Distributed Data Streams
156	Xuehang Guo, Anfeng Peng, Lesong Jia and Michael Lewis	S13.5 Target Conspicuity for Human-UAV Visual Perception
18	August Capiola, Elizabeth Fox, Gregory Bowers, Krista Harris and Stephen Woods	S13.6 Investigating interfaces that convey team efficiency

Session 14 Healthcare and Well-Being (Yorkville Room) Chair: Wayne Giang

104	Haibin Zhu, Mozhddeh Noroozi Rasoolabadi, Feng Hou, Tianshuo Yang, Chun Wang and Lisa Kaida	S14.1 Refugee Resettlement: Why a Computational Method using E-CARGO is Better?
108	Pranshu Chandra Bhushan S Negi, Himanshu Rishikesh Giri, Balendra, Shiru Sharma and Neeraj Sharma	S14.2 A Comparative Study of Scalograms for Human Activity Classification
59	Yuwen Ruan, Henry Shin and Xiaogang Hu	S14.3 Hand Functional Impairment in Stroke Survivors Using Coherence Analysis
91	Yue Luo, Yuhao Chen, Szeyiu Yim and Boyi Hu	S14.4 Designing Nightlights to Facilitate Evening Activities among Older Adults: Illuminance and Hue Preferences
172	Ali Barzegar Khanghah and Atena Roshan Fekr	S14.5 PATH: Program to Accelerate Technologies for Homecare
45	Hui Lam Chow, Chan Hsu and Shih-Yi Chien	S14.6 Psychosocial Determinants of Dementia Progression: Insights from Advanced Data Analytics using the Taiwan Longitudinal Study in Aging
129	Yicong Li, Kuanjiu Zhou, Mingyu Fan, Shaozhao Zhai and Usman Arshad Muhammad	S(15.6) Enhancing Concept Completeness for Graph Neural Networks via Side-Channel (Remote from Session 15 in Rosedale Room)

Session 15 (Special Session 3) Trustworthy Autonomous Systems & Federated Learning (Rosedale Room, 10:45-12:15, May 17) Chair: Jamal Seyed Mohammadi

57	Ghazaleh Kianfar, S. Jamal Seyedmohammadi, Jamshid Abouei and Konstantinos N. Plataniotis	S15.1 Digital AirComp-Assisted Federated Edge Learning with Adaptive Quantization
19	Skander Chouchene, Manar Amayri and Nizar Bouguila	S15.2 Federated Learning Based Sparse Coding for Non-Intrusive Load Monitoring
62	Sirvan Gharib, Mohammad Mansour Kesargheh, S. Jamal Seyedmohammadi, Zohreh Hajiakhondi Meybodi, Jamshid Abouei and Konstantinos N. Plataniotis	S15.3 FedStar Caching: Decision Center Assisted Federated Cooperative Edge Caching
63	Seyed Jamal Seyedmohammadi, Seyed Mohammad Sheikholeslami, Jamshid Abouei, Arash Mohammadi and Konstantinos N. Plataniotis	S15.4 MoFLeuR: Motion-based Federated Learning Gesture Recognition
79	Esmatollah Rezaei, Jamal Mohammadi, Jamshid Abouei and Kostas Plataniotis	S15.5 FedDist-POIRec: Federated Distillation for Point-Of-Interest Recommendation in Human Mobility Prediction
129	Yicong Li, Kuanjiu Zhou, Mingyu Fan, Shaozhao Zhai and Usman Arshad Muhammad	S(15.6) Enhancing Concept Completeness for Graph Neural Networks via Side-Channel (Virtually presented in Session 14 in Yorkville Room)

Session 16 (Special Session 4-II) HMT for Effective Decision-Making (Wellesley Room, 13:30-15:00, May 17) Chair: Scott Fang

145	John Wenskovitch, Corey Fallon, Kate Miller and Aritra Dasgupta	S16.1 Characterizing Interaction Uncertainty in Human-Machine Teams
161	Scott Fang, Ming Hou, Neil Cameron, Simon Banbury, Nada Pavlovic and Shayan Shirshakar	S16.2 Trust Factors Identifying and Weighting for Trust Modeling in Soldier-Robot Teaming
170	Vlad Zotov, Ming Hou, Scott Fang and Geoff Ho	S16.3 Modernization of NORAD Centres: Command and Control Operators Training Issues and Possible Solutions
34	Darya Zanjnour, Sana Kokate, Hugh H.T. Liu and Jason E. Plaks	S16.4 Quantifying Trust in Human-Drone Interaction for Advanced Air Mobility Systems
40	Allyson Hauptman, Beau Schelble, Christopher Flathmann and Nathan McNeese	S16.5 The Role of Autonomy Levels and Contextual Risk in Designing Safer AI Teammates
54	Victoria Dulchinos, Jillian Keeler, Garrett Sadler, Linnea Holm, Krish Pradhan, Vernol Battiste, Joel Lachter and Summer Brandt	S16.6 Human-Autonomy Teaming Assistant to Support Small Uncrewed Aircraft Systems for Wildland Firefighting Operations

Session 17 Autonomy in Vehicles and Transportation II (Yorkville Room, 13:30-15:00, May 17) Session Chair: Karen Penaranda

162	Mattea Powell, Linzhuo Wei, Joelle Girgis, Birsan Donmez, Liraz Fridman, Jay Pratt and Paul Hess	S17.1 An exploration of drivers' lane position after adding buffered cycling lanes in Guelph, Ontario
176	Huanyu Yang, Weiwei Bian, Jun Wang, Yuming Bo and Ying Mi	S17.2 A Dual-Modality Pedestrian Detection Method Based on Multi-Scale Feature Fusion
177	Jamy Li and Karen Penaranda	S17.3 Resolving Facility Layout Issues in an Ontario Bakery Using CRAFT with Numerous Departments and Probabilistic Rack Movement
115	Yichen Dong, Andrijanto, Hiroaki Yano and Makoto Itoh	S17.4 Elderly Pedestrian-Crossing Strategy When Perceiving an Autonomous Vehicle in a Shared Space
109	Meng Sun, Chunxi Huang and Dengbo He	S17.5 Characterizing Heterogeneous Car-Following Behaviors of Human Drivers in Mixed Traffic
75	Minghui Chen, Aoyuan Wang, Yingjun Ji and Jiacun Wang	S17.6 Moving Object Recognition and Tracking Based on Image-fusion Frame Differencing and Differential Translational Transform
21	Song Yan, Chunxi Huang and Dengbo He	S17.7 CH-LSTTM: A Taxonomy of Traffic Hazards
97	Chao Song, Yujie Cui, Shuangshuang Luo, Xinyu Zhang, Yang She and Bo Li	S(18.6) UAV Tracking Moving Target Mission Planning Based on TW-SAC Algorithm (Remote from Session 18 in Rosedale Room)

Session 18 Unmanned Aerial Vehicles and Automated Systems (Rosedale Room, 13:30-15:00, May 17) Session Chair: Dale Richards

16	Marius Dudek and Axel Schulte	S18.1 Experimental Evaluation of UAV Task Delegation Methods
22	Max Friedrich, Dale Richards and Jan-Paul Huttner	S18.2 Evaluation of Icons to Support Safety Risk Monitoring of Autonomous Small Unmanned Aircraft Systems
158	Xuehang Guo, Huao Li, Anfeng Peng, Lesong Jia and Michael Lewis	S18.3 Determining Human Perceptual Envelope in Fixed Wing UAV Surveillance
149	Meghan Saephan, Garrett Sadler, Krish Pradhan, Jillian Keeler, Victoria Dulchinos, Crystal Kirkley, Linnea	S18.4 sUAS Ground Control Station Capabilities Impact on Fleet Management
131	Olena Shyshova, Pooja Gadhavi, Matthias Tenzer, Foghor Tanshi and Dirk Söffker	S18.5 Takeover time: Requirements for highly automated inland vessels: First experimental-based results
97	Chao Song, Yujie Cui, Shuangshuang Luo, Xinyu Zhang, Yang She and Bo Li	S(18.6) UAV Tracking Moving Target Mission Planning Based on TW-SAC Algorithm (Virtually Presented in Yorkville Room)