

International Conference for Information Systems and Design (ICID-2026)			
All on-site presentations will be streamed by Zoom. You can join the conference at any time. The presentation's language is English. Mongolia time.			
Time	Authors	Topic	Mode
09:00 - 10:00	REGISTRATION		
10:00 - 10:15	OPENING 15.05.2026		
10:15 - 10:45	Barintag Saheya Xia Ren	Data-Driven Discovery of a Refined Dynamical Model for Ocean Internal Solitary Waves	In-person
10:45 - 11:15	Pavel Bilenko Dmitry Trubashevsky Anton Chistiakov Maria Bilenko Julia Artamonova	Assessing National Economic Resilience through AI-Assisted Value Chain Completeness: A Graph-Based Decision-Support System for Additive Manufacturing	In-person
11:15 - 11:30	BACKUP TIME		
11:30 - 11:45	Summer D. Jung Sohyeong Kim	Gen Z Wellness Persona: A Design Thinking Approach to US Wellness Market	Online
11:45 - 12:00	Yana Bakaeva	The Future of Corporate Education in Industrial Enterprises: The Case of BOSCO Group	In-person
12:00 - 12:15	Rakhimakhon Nugmanova Victor Taratukhin	Beyond Learning Entrepreneurship: Educational Digital Twins for Agent-mediated Startup Creation, Funding, and Transfer	In-person
12:15 - 12:30	Igor Bychkov Alexander Kazakov Anna Lempert Maksim Zharkov	Scenario-Based Modeling of a Ulaanbaatar Railway Section Using Queuing Networks	In-person
12:30 - 13:30	LUNCH TIME		
13:30 - 13:45	Hazel H. Kim Won Hyuk Heo Soh Kim	Understanding Consumer Insights Through Product Use: A Framework for Early-Stage Product Development	Online
13:45 - 14:00	Chuluundorj Begz	Word Embedding and Positional Encoding: Cross – Linguistic Analysis	In-person
14:00 - 14:15	Daria Gaskova Liudmila Massel Vladimir Kuzmin	Design of Cyber-Situational Awareness Tools for a Knowledge Ecosystem in the Energy Sector	In-person
14:15 - 14:30	Khulan Myagmar Bayanjargal Darkhijav Altangerel Lkhamsuren	Unsupervised Detection of Sudden Stratospheric Warming Events Using Deep Autoencoders and Copula-Based Extreme Dependence Modeling	In-person
14:30 - 14:45	Vladimir Kuzmin Liudmila Massel	Digital Platform of the Knowledge Ecosystem in Energy architecture and principles of components integration	In-person
14:45 - 15:00	Bulgan Gankhuyag Delgermaa Erkhemjargal Otgonsuud Badrakh Bilegdemberel Dandar Ulziidavaa Chuluunbaatar Bataa Dulguuntuya	Resilience of the Gobi Ecosystem: Interactions Among Atmospheric Conditions, Soil Moisture, and Vegetation Dynamics	In-person
15:00 - 15:20	BACKUP TIME		
15:20 - 15:35	Aleksei Starostin Natalia Pulyavina	From Control to Co-Creation: Digital Transformation of Last-Mile Service Governance in Platform Ecosystems	Online
15:35 - 15:50	Bulgan Gankhuyag Nergui Baasan Amarjargal Sharav	4D Characterization of Tropospheric Water Vapor Dynamics over Ulaanbaatar: A Machine Learning Approach during Extreme Weather Events	In-person
15:50 - 16:05	Ilian Turtygin	Use of Generative AI by Early-Stage Founders in Uzbekistan for Idea Validation, Market Research, and Business Planning	Online
16:05 - 16:20	Alungoo Sainbileg Altangerel Balgan Uyanga Sambuu Bayasgalan Sainnyambuu	Developing a Digital Parliamentary Education Model for Citizens: An Instructional Design Framework Using Citizen Science and Community of Inquiry	In-person
16:20 - 16:35	Daria Grits Anastasiia Brudkova Anastasiia Iliukhina	Designing Moments of Frustration: Towards a Meaningful Learning Experience for Business Education in the GEN AI Era	Online
16:35 - 16:50	Bayasgalan Sainnyambuu Uyanga Sambuu Altangerel Balgan Alungoo Sainbileg	Co-Creating AI Literacy: A Training Model for Personal Data Risk Awareness in Generative AI Usage	In-person
10:00-10:15	OPENING 16.05.2026		
10:15 - 10:30	Baatar Nyamkhoo Uuganbaatar Dulamragchaa Bilguutei Narantuya Purevsuren Tumurbaatar Bayarchimeg Enkhtaivan Hao Binghua	Comparative Study of Transformer Hybrid Models for Mongolian Image-to-Text Generation	In-person
10:30 - 10:45	Narantuya Bilguutei Nyamkhoo Baatar Dulamragchaa Uuganbaatar Tumurbaatar Purevsuren Enkhtaivan Bayarchimeg	Morphological Model for Mongolian Cyrillic Script Based on Sequence-to-Sequence	In-person

10:45 - 11:00	Tatsiana Zoryna Olga Kabanova Pavel Kabanov	Digital Platform for the Fuel and Energy Complex of the EAEU: Concept, Architecture, and Impact on Energy Security	Online
11:00 - 11:15	Evgeniya Kruglova Alexey Guchak	Bytes and Drafts: Designing, Integrating, and Evaluating an Academic Writing Chatbot in the EAP Classroom	In-person
11:15 - 11:30	Saikhanbayar Khoshoisaikhan Purevtsogt Nugjigar	Latent Planning Gap: A Diagnostic Framework for Deterministic World Models with Applications to Financial Planning	In-person
11:30 - 11:45	BACKUP TIME		
11:45 - 12:00	N. Khajidsuren	On the numerical range of the multiplication and Volterra operator	In-person
12:00 - 12:15	Igor Bychkov Andrey Mikhailov Nikita Dorodnykh Daniil Kopylov Dmitrii Kosogorov Ilya Ohotin Ivan Poddubnyi Kirill Tobola	Graph-M-RAG: A Dual-Graph Approach for Understanding Visually Rich Documents	In-person
12:15 - 12:30	Sarangerel Munkhzul Bukhtsooj Odsuren Lkhamjav Togtokhdorj Batdorj Erdenebileg	An Intelligent System for Controlling a 3D-Printed Hand Based on Biosignals	In-person
12:30 - 12:45	Aleksei Massel Liudmila Massel	Digital Platform for Situational Awareness in Resilient Energy	In-person
12:45 - 13:00	Nyamsuvd Battulga Purevtsogt Nujgar	Traffic Volume Estimation in Ulaanbaatar Using Taxi Speed Data: A Case Study of a Selected Urban Area	In-person
13:00 - 14:00	LUNCH TIME		
14:00 - 14:15	Nugmanov Nugman Abdullayevich Sayfullaeva Venera Nimatjonovna	Ensuring Information Security in the Use of AI and Data Protection: Legal Analysis and Scientific Forecasts	Online
14:15 - 14:30	Evgeny Cherkashin Igor Bychkov Wenhan Hou	[Generative AI, AI methods and applications] Fibrations and Lenses: A Formal Framework for Grammar-Constrained LLM Transformations in Creative Model-Driven Architecture	Online
14:30 - 14:45	B. Barsbold D. Enkhtaivan D. Batsuuri	Actuarial Risk Classification and Assessment based on Machine Learning: A Case Study for the Mongolian National Health Insurance Fund	In-person
14:45 - 15:00	Mark Klein	The Aldeator: AI-Assisted Collective Solution Generation	Online
15:00 - 15:15	Funmi Obembe	Designing Interpretable Predictive Analytics for Early Student Support: The Predict-C System	Online
15:15 - 15:30	Elda Xhumari Enrik Dollaj	An AI-Driven Clinical Decision Support System for Predicting Renal Impairment Risk in Cancer Patients	Online
15:30 - 15:45	Adediwura Ajisafe	Augmented AI Education: A Framework Combining Local Large Language Models and Structured Retrieval-Augmented Generation	Online
15:45 - 16:00	BACKUP TIME		
16:00 - 16:15	Otgonsuvd Badrakh Soninjargal Sugarragchaa Byambadorj Dondogmegd Densmaa Batbayar Tsolmon Sodnomdavaa	Information Security Risk Assessment in Digital Systems	In-person
16:15 - 16:30	Minhyoung Kim	Memetic Intelligence in AI-Generated Content: A Peircean Semiotic Approach	Online
16:30 - 16:45	D. Tsedenbayar D. Buyantogtokh	On the numerical range of the multiplication and Volterra operator	In-person
16:45 - 17:00	Lutbat Yadamsuren	Bayesian Spatiotemporal Modeling of Fire Hotspots in Mongolia (2015–2024): Meteorological Factors, Land Cover Transitions, and Ecoregional Variations	In-person
17:00 - 17:15	Solongo Tumurbaatar Uyanga Sambuu	Improving Recommendation System for Telecommunication Product Using Machine Learning Based on Graph-Based Analysis: Model Development and Testing	Online
17:15 - 17:30	Dmitry Botov Elizaveta Vasilenko Andre Kuzminykh	Training AI Product Engineers in Human-AI Teams: From Discovery to MVP	Online
10:00-10:15	OPENING 17.05.2026		
10:15 - 10:30	Kristina Dudkovskaia Victor Taratukhin	Towards Non-Invasive AI Augmentation of Legacy ITSM: A Multi-Agent Orchestration Framework with Lightweight Integration Patterns	Online
10:30 - 10:45	Polina Shtrik	The Concept of a Corporate University and The Specifics of its Branding	Online
10:45 - 11:00	Md Mehedi Hasan Sumon	Designing Human-in-the-Loop AI Credit Systems for Migrant Financial Inclusion in Emerging Markets	Online
11:00 - 11:15	Vladislav Zagoksin	A Comparative Analysis of Methods and Algorithms for Detecting Social Engineering Media Content Generated by Generative Artificial Intelligence Models	Online
11:15 - 11:30	Dauddin Daudi	Approaches to Reducing Costs in Innovation Activities of Chemical Companies through Interaction with University Startup Studios	Online
11:30 - 11:45	Dauddin Daudi Boris Kozak	DissAgent: A Human-AI Semantic Assistant for Dissertation Topic Discovery and Research Structuring	Online
11:45 - 12:00	Roma Fayaz Sharyar Wani Nasir Nazir	Co-Creating Intelligence: A Review of Human-Centred Multimodal AI Systems for Human-AI Collaboration	Online
12:00 - 12:15	Nusrat Hamid Shah Saiful Adli Ismail Azizul Azizan	Co-Creating Secure Smart Cities: A Review of Human-AI Collaboration in IoT Authentication and Key Agreement	Online
12:15 - 12:30	Subuhi Kashif Ansari Awatef Salem Balobaid	Cloud-Orchestrated Human-AI Co-Creation: A Systems Review and Framework for Text-to-Image Platforms	Online
12:30 - 12:45	Sushmita Dyamanagoudra Vijayalakshmi M M	Explainable Multi-Agent Reinforcement Learning with Graph Neural Networks for Real-Time Smart Traffic Signal Control Using Video-Based Vehicle Detection	Online

12:45 - 13:00	Atabey Güneç Sevi Merter	Negotiating Agency and Psychological Ownership through Material Engagement in the Era of Generative AI	Online
	LUNCH TIME		
13:00 - 13:15	Samat Osmonov Balnur Kubanychova Al Khan	From Car-Centric to People-Centric: A Diagnostic Framework for Pedestrian Infrastructure Using Multi-Criteria Analysis	Online
13:15 - 13:30	Al Khan Ainur Mukhiyadin	Learning the Language of the Genome: AI-Driven Bioinformatics for Early Disease Detection	Online
13:30 - 13:45	Farkhod Djallilov Tojiyev Bilol	Tech-Savvy Boards and the Future of Corporate Governance in Digital Transformation	Online
13:45 - 14:00	Anna Loskutova Natalya Aleynikova Mikhail Matveev	Automation of Monitoring and Management of Academic Performance in Schools	Online
14:00 - 14:15	Saida Umanbetova Aidana Saidillaeva Zinaida Sataralieva Al Khan	Lightweight AI Models for Real-Time Diagnostic Support in Low-Resource or Point-of-Care Settings	Online
14:15 - 14:30	Akylai Zhumabekova Artem Kipin Al Khan	Verifiable Feature Engineering: A Blockchain-Based Approach for Trustworthy IoT Analytics	Online
14:30 - 14:45	Nusrat Hamid Shah Lubna Hamid Shah	Symbiotic Intelligence: Human-AI Integration as a Driver of Sustainable Development	Online
14:45 - 15:00	Ashish Mathai Jesna Jose	Universe as a Cybernetic System: Understanding the Dynamics of Contemporary Technological Experiences	Online
15:00 - 15:15	Zhibek Primova Gulzat Muktarkanova Al Khan	The Algorithmic Audit: Using Blockchain to Verify Equity in Smart City Planning	Online
15:15 - 15:30	Baizakova Malika Kadyralieva Nuraiym Al Khan	Cognitive Load Reduction in Human-AI Decision Support Systems	Online
15:30 - 15:45	Elda Xhumari Enrik Dollaj	An AI-Driven Clinical Decision Support System for Predicting Renal Impairment Risk in Cancer Patients	Online
15:45 - 16:00	Anastasiya Melnikova	Government Support for AI Adoption in Digital Transformation	Online
16:00 - 16:15	Evgeny Genkin Dariko Balakhanova	Gamification in Corporate L&D: A Systematic Review of ROI and Employee Retention Evidence in Emerging Markets	Online
16:15 - 16:30	Mikhail Matveev Ekaterina Sirota	Modified cumulative sum algorithm (Adaptive CUSUM) for detecting change points in meteorological time series	Online
	CLOSING		

Information and Process Support for Responsive and Innovative Business (ICID-2026 IPS)			
All on-site presentations will be streamed by Zoom. You can join the conference at any time. The presentation's language is English. Mongolia time.			
Time	Authors	Topic	Mode
	OPENING 15.05.2026		
13:30 - 13:45	Kirill Pshinnik Oksana Zhirosh Maksim Elisov Aleksandra Bordunos	Augmenting the Chief Sustainability Officer: Human-AI Collaboration Potential in ESG Leadership	In-person
13:45 - 14:00	Pavel Malyzhenkov Evgeniy Lutcenko Maxim Pinyagin	Enterprise Architecture Transformation in the Metallurgical Industry	Online
14:00 - 14:15	Pavel Malyzhenkov Aleksey Pokryshkin Mikhail Zabaev	Enterprise Architecture for Data-Driven Sales Forecasting and Production Planning	Online
14:15 - 14:30	Pavel Malyzhenkov Maria Shadskaya Alexander Nenilin	An Architectural Approach for the Primary Medical Consultation Process Restructuration	Online
14:30 - 14:45	Ekaterina Galikhanova Alina Valencia	Human-AI Co-Creation of Adaptive Information Systems for Cross-Cultural Digital Competencies: A Business Innovation Approach in Engineering Education	In-person
14:45 - 15:00	Arseniy Pisotskiy Alina Valencia	Bootstrapping B2B Marketplaces in the Agentic Era: A Case Study on Spec-Driven Development and Autonomous AI Loops	Online
15:00 - 15:15	BACKUP TIME		
15:15 - 15:30	Marat Gadzhimuradov Alina Valencia	Automated Pre-Hire Competency Screening for Product Managers: Reducing Information Asymmetry in Talent Acquisition Through Machine Learning Assessment	Online
15:30 - 15:45	Yulia Tkacheva Viktor Taratukhin	Principles and Models of Implementing Gamification and Design Thinking to Support Innovation in Chinese IT Companies: Development of Approaches and Tools	Online
15:45 - 16:00	Mario D'Avino	Co Creating Learning Futures: Gamification, AI, and the Transformation of Educational Models	Online
16:00 - 16:15	Sara El Matouk Daniele Allega	Inferring Cognitive Strain from En-terprise Digital Traces: A Human-Centered AI Approach to Adaptive and Sustainable Process Support	Online
16:15 - 16:30	Daniele Allega Sara El Matouk	The Artificial Discretionary Intelligence: A Conceptual Modelling Framework for Design Choices in AI-Enhanced Business Systems	Online
16:30 - 16:45	Suela Vasil Maxhelaku Karafil Kareci Alda Kika	A Comprehensive Review of LLM Applications in Electronic Health Records (EHRs)	Online
16:45 - 17:00	Jonida Tirana	Pedagogical Adaptation in Times of Digital Transformation: A Case Study from Two Elementary Schools in the Center of Tirana	Online
	OPENING 16.05.2026		
13:00 - 13:15	Amit Lathigara	AI-Driven Decision Support Systems for Responsive and Innovative Business Processes	Online
13:15 - 13:30	Amit Lathigara	Human-AI Collaboration for Agile Business Decision-Making	Online
13:30 - 13:45	Amit Lathigara	Intelligent Information Systems for Enhancing Organizational Responsiveness	Online
13:45 - 14:00	Pavel Malyzhenkov Darya Marysheva	Architectural Support For Customer Journey Transparency in Medical SMEs: An Enterprise Analytics Perspective	Online
14:00 - 14:15	Ilina Nigmatullina	Unit Economics and Metrics Tree as a Framework for Strategic Business Growth Decision-Making in Software Products	Online
14:15 - 14:30	Vladimir Krylov Pavel Malyzhenkov Francesco Pacchera Mariagrazia Provenzano	Architectural transformation of training processes in higher education by means of VR: sustainable view	Online
14:30 - 14:45	Pavel Malyzhenkov Elena Vorobeva	The Architectural Approach Application to the Customer Retention Solving Problem: a Case of a Transportation Company	Online
14:45 - 15:00	Pavel Malyzhenkov Kirill Gusev	The Architectural Approach to Rebranding in the LEMANA PRO Retail Chain Based on a New Sales Methodology	Online
	CLOSING		

ICID 2026 Early Career Research & Student Workshop – Growing Ideas Together (ICID-2026 ECRS)

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Time	Authors	Topic	Mode
10:00-10:15	OPENING		
10:15 - 10:25	Anastasiia Tikhomirova Victor Taratukhin	Hybrid Innovation Ecosystem Design: Integrating Physical Space, Digital Platform and AI Agent for Continuous Collaborative Innovation	In-person
10:25 - 10:35	Asaka Yamaoka Daigo Misaki	Supporting Airline Ticket Choices in OTA Websites Through Risk Visualization Based on Users' Risk Tolerances	In-person
10:35 - 10:45	Niko Ishikawa Daigo Misaki	Design and Operational Conditions of a Mirror-Based JITAi for Natural Attention Restoration with Minimal Intervention	In-person
10:45 - 10:55	Diane Rhim Shawn Smith Soh Kim	Designing Culturally Witnessed Care for Postpartum Mothers: Coupling Human Connection with AI Care-Attunement	Online
10:55 - 11:05	Munkhtuya Uurtsaikh Dolgorsuren Batjargal	Multimodal AI - and AR - Powered System for Real-Time First Aid Guidance	In-person
11:05 - 11:15	Igor Vorobev Victor Taratukhin	Digital Module for Visualization and Forecasting of Construction Project Lifecycle Management as an Element of Industry-Wide Technological Ecosystem	Online
11:15 - 11:25	Igor Vorobev Victor Taratukhin	MIPT Design Thinking	Online
11:25 - 11:35	Enkhbayar Sundui Purevtsogt Nujgar	Multi-Run Statistical Comparison of CNN Architectures for Pneumonia Detection from Chest X-Rays	In-person
11:35 - 11:45	Sumaiya Rahman	Designing Responsible AI Credit-Risk Systems: Evaluating Trade-offs Between Predictive Performance, Fairness, and Energy Consumption in Machine Learning	Online
11:45 - 11:55	Arsenij Taratukhin Mais Farkhadov Oleg Kuprikov Danil Komanich Server Kerimov	Modernisation of Transportation Reservation Systems through NLP-Driven Conversational Agents	In-person
11:55 - 12:05	BACKUP TIME		
12:05 - 12:15	Andrei Zubov	The Digital Transformation Paradox in Agriculture: AI-Driven Sensor Fusion as an Enabler for Cost-Effective Human-AI Teaming	Online
12:15 - 12:25	Ivan Bolotov Egor Bogdanov Andrey Khimitch	Full-Cycle Production of Low-Molecular-Weight Marine Collagen from Fish Processing Waste: A Biotechnological Approach	In-person
12:25 - 12:35	Vladimir Starovoitov Anna Ivanova Andrey Mikhailov	A Tool for Structuring Investment Project Descriptions Using Large Language Models	Online
12:35 - 12:45	Alina Beliaeva	From Textbook Korean to Everyday Use: A Manhwa-Based Microlearning Model for Digital Language Learning	Online
12:45 - 12:55	Ekaterina Zagnukhina Victor Taratukhin	Emergent AI Language: Word Formation	Online
12:55 - 13:05	Elizaveta Sofronova Victor Taratukhin	Developing Approaches to the Application of IT and Artificial Intelligence in the Humanities: Methods, Tools, and Practices	Online