
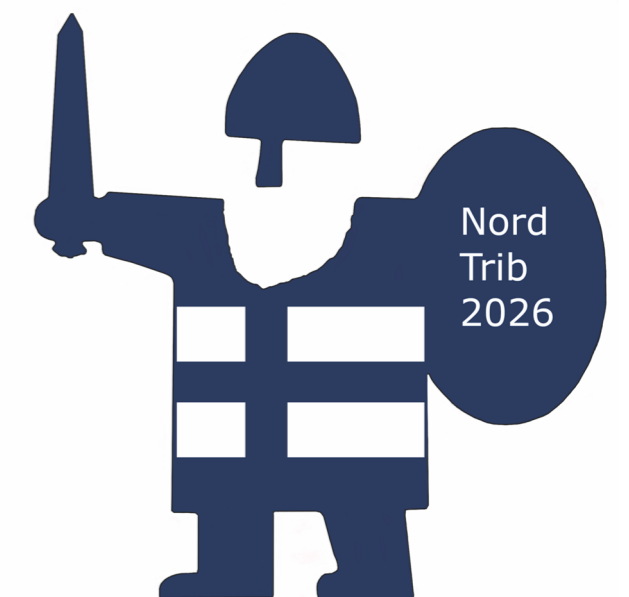


Tuesday 9 June 2026				Wednesday 10 June 2026			Thursday 11 June 2026			Friday 12 June 2026				
				8.30-9.10	Plenary 2 Prof. Robert Wood, University of Southampton <i>A. Amanov</i> A1 auditorium			Plenary 4 Prof. Nuria Espallargas, NTNU <i>K. Valtonen</i> A1 auditorium			Plenary 6 Managing Director Ewald Badisch, AC ² T <i>K. Valtonen</i> A1 auditorium			
					A1 auditorium	A3 auditorium	A4 auditorium	A1 auditorium	A3 auditorium	A4 auditorium	A1 auditorium	A3 auditorium	A4 auditorium	
				9.15-10.15	Lubrication and lubricants 3 <i>C. Bohnert</i>	Surface engineering for tribology 2 <i>G. Schnell</i>	Biotribology <i>D. Dini</i>	Surface engineering for tribology 3 <i>R. Wood</i>	Tribocorrosion <i>V. Ratia-Hanby</i>	Wear resistant materials 1 <i>K. Valtonen</i>	Tribology of machine elements 2 <i>H. Ronkainen</i>	Fretting wear and fatigue 2 <i>J. Juoksukangas</i>	Surface engineering for tribology 5 <i>M. Zohrevand</i>	
				9.15-9.35	78	128	120	57	55	51	27	47	115	
				9.35-9.55	17	34	124	60	41	21	92	80	132	
9.00-10.00	Laboratory tour in Hervanta campus 9.00-10.00			9.55-10.15	10	30	139	130	138	83	93	56		
10.00-11.00	Laboratory tour in Hervanta campus 10.00-11.00			10.15-10.40	Coffee break 10.15-10.40			Coffee break 10.15-10.40			Coffee break 10.15-10.40			
10.00-	Registration			10.40-12.00	Industrial tribology 1 <i>A. Kailer</i>	Sustainability and energy aspects of tribology 1 <i>C. Nutakor</i>	Mechanisms of friction and wear 3 <i>S. Candeo</i>	Surface engineering for tribology 4 <i>R. Aghababaei</i>	Polymer tribology 2 <i>V. Marjamaa</i>	Wear resistant materials 2 <i>J. Tervo</i>	Mechanisms of friction and wear 6 <i>A. Zabihi</i>	Wear resistant materials 3 <i>R. Kovanen</i>	Surface engineering for tribology 6 <i>A. Amanov</i>	
10.00-	Poster set-up, auditorium hallway			10.40-11.00	141	43	125	38	42	14	94	102	112	
				11.00-11.20	3	44	52	81	36	49	11	69	99	
				11.20-11.40	26	39	67	85	15	65	Closing remarks, A1 Auditorium			
11.00-12.00	Lunch 11.00-12.00			11.40-12.00	84	135	28	153	116	89	Lunch 11.45-13.00			
12.00-12.15	Welcome, A1 Auditorium			12.00-13.00	Lunch 12.00-13.00			Lunch 12.00-13.00						
12.15-12.55	Plenary 1 Prof. Daniele Dini, Imperial College London <i>A. Amanov</i> A1 auditorium			13.00-13.40	Plenary 3 Prof. Masanobu Kubota, Kyushu University <i>J. Juoksukangas</i> A1 auditorium			Plenary 5 Prof. Magd Abdel Wahab, Ghent University <i>J. Juoksukangas</i> A1 auditorium 13.40 Group photo, Main auditorium foyer						
	A1 auditorium	A3 auditorium	A4 auditorium		A1 auditorium	A3 auditorium	A4 auditorium	A1 auditorium	A3 auditorium	A4 auditorium				
	Lubrication and lubricants 1 <i>K. Fukuzawa</i>	Surface engineering for tribology 1 <i>A. Amanov</i>	Mechanisms of friction and wear 1 <i>U. Wiklund</i>	13.45-15.05	Lubrication and lubricants 4 <i>Y. Sawae</i>	Tribology of machine elements 1 <i>Z. Khan</i>	Mechanisms of friction and wear 4 <i>P. Shipway</i>	Fretting wear and fatigue 1 <i>M.A. Wahab</i>	Industrial tribology 2 <i>S. Khoshroo</i>	Sustainability and energy aspects of tribology 2 <i>Y. Jiang</i>				
13.00-13.20	77	90	18	13.45-14.05	35	86	20	53	61	72	Laboratory tour in Hervanta campus 14.00-15.00			
13.20-13.40	31	98	22	14.05-14.25	19	37	25	140	62	24				
13.40-14.00	32	144	119	14.25-14.45	12	82	45	73	70	40				
14.00-14.20	87	131	121	14.45-15.05	129	103	50	157	71	46				
	Coffee break 14.20-14.50			15.05-15.30	Coffee break 15.05-15.30			Poster session and coffee 15.05-17.00 Main auditorium foyer						
	Lubrication and lubricants 2 <i>B. Podgornik</i>	Polymer tribology 1 <i>I. Cetintav</i>	Mechanisms of friction and wear 2 <i>A. Dorner-Reisel</i>		Ocean Tribology <i>N. Espallargas</i>	Computational tribology <i>R. Larsson</i>	Mechanisms of friction and wear 5 <i>J. Albrecht</i>							
14.50-15.10	91	68	64	15.30-15.50	109	23	59							
15.10-15.30	96	113	95	15.50-16.10	127	54	6							
15.30-15.50	114	9	97	16.10-16.30	74	29	122							
16.00-16.45	Wiley workshop Jolke Perelaer <i>E. Virtanen</i>	Nordic Advisory Board												
City of Tampere Welcome Reception in the Old City Hall 18.00-19.30 Address: Keskustori 10				Lake Pyhäjärvi Cruise or Finnish Sauna Evening 18.00- Details on the conference website				Conference Dinner 19.00- Puistotorni Ballroom Address: Hämeenpuisto 28						



Tuesday 9 June 2026			
9.00-10.00	Laboratory tour in Hervanta campus 9.00-10.00		
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10.00-	Registration		
10.00-	Poster set-up, auditorium hallway		
11.00-12.00	Lunch 11.00-12.00		
12.00-12.15	Welcome, Auezhan Amanov, Janne Juoksukangas & Kati Valtonen Auditorium A1		
12.15-12.55	Plenary 1 Prof. Daniele Dini, Imperial College London <i>A. Amanov</i> A1 auditorium		
	Lubrication and lubricants 1 <i>K. Fukuzawa</i> A1 auditorium	Surface engineering for tribology 1 <i>A. Amanov</i> A3 auditorium	Mechanisms of friction and wear 1 <i>U. Wiklund</i> A4 auditorium
13.00-13.20	77. Water-based lubricants – environment and performance, Larsson, Roland, Luleå University of Technology	90. Influence of lubricant type on wear of materials used in Propeller hubs, Sharma, Anutsek, Kongsberg Maritime Sweden AB and Karlstad University (KAU)	18. Understanding Scatter in Tribometer Experiments: Contributions of Measurement Uncertainty and Experimental Variability, Orgeldinger, Christian, University of Bayreuth
13.20-13.40	31. Friction induced heating, melting, and refreezing of a snow grain in contact with a cross-country ski, Mössner, Martin, University of Innsbruck, Department of Sport Science	98. Abrasive Wear Study of In-situ Nitrided Additively Manufactured Ti6Al4V, Leviandhika, Vidhiya, Uppsala University	22. A Tribological Investigation of Discontinuous Tightening, Limiti, Daniele, INSA Lyon - LaMCoS
13.40-14.00	32. Investigation of Amine Coordination Effects on ZDDP Performance under Hydrogen Atmosphere, Eryu, Shogo, ENEOS Corporation	144. Ultra-Short Pulse Laser Texturing for Improved Journal Bearing Performance, Schnell, Georg, Rostock University	119. A hybrid approach for predicting tool wear in machining complex alloys, Malakizadi, Amir, inspire AG
14.00-14.20	87. Fabrication & Tribological Performance evaluation of structurally embedded self-lubricating material through Hybrid Manufacturing, Anjum, Muhammad Ammar, University of Turku	131. Influence of groove parameters on the frictional performance of journal bearings in green fuel environment: A combined CFD and experimental study, Lone, Aaqib Jeelani, Tampere University	121. Studying wear mechanisms with different abrasives in micro abrasion - as a means to allow for wear resistance tuning of AM steels, Khalid, Saad, Uppsala universitet
	Coffee break 14.20-14.50		
	Lubrication and lubricants 2 <i>B. Podgornik</i> A1 auditorium	Polymer tribology 1 <i>I. Cetintav</i> A3 auditorium	Mechanisms of friction and wear 2 <i>A. Dorner-Reisel</i> A4 auditorium
14.50-15.10	91. In Situ Fluorescence Probing of Electric-Field-Induced Modulation of Ionic Liquid Lubrication Films, Michalec, Michal, Brno University of Technology	68. Effect of Counterpart material on Friction and Wear of PEEK Composites during Long Distance Sliding in Hydrogen Environment, Sawae, Yoshinori, Kyushu University	64. Correlating Microscratch Properties with Wear Resistance in Hard Coatings, Aghababaei, Ramin, Aarhus University
15.10-15.30	96. Tribological Performance of Low-Viscosity lubricants for Electric Vehicle Applications under Electrified Rolling–Sliding conditions, Martínez de Castilla Delgado, Claudia, Tekniker	113. Gas-dependent Tribological Performance of ta-C Coated PEEK–316L Tribo-pair, Jiang, Yu, VTT Technical Research Centre of Finland Ltd	95. Investigation of laser ablated rake face texturing for wear reduction in Alloy 718 machining, Zhang, Nanyuan, inspire AG
15.30-15.50	114. Electrotunability of ionic liquids lubricating properties at macro-scale - practical implications and limitations, Šimara, Vit, Brno University of Technology	9. Molecular-level Insights into the Wear Mechanism of Polymers Using Brillouin and Raman Spectroscopy, Sawaki, Subaru, Waseda University	97. From Thermomechanical Analysis to Explainable Machine Learning for Braking Particle Emissions, Frangieh, Joseph, Centrale Lille
16.00-16.45	Wiley workshop Jolke Perelaer <i>E. Virtanen</i> A1 auditorium	Nordic Advisory Board A3 auditorium	
18.00-19.30	City of Tampere Welcome Reception in the Old City Hall 18.00-19.30 Address: Keskustori 10		

Wednesday 10 June 2026			
8.30-9.10	Plenary 2 Prof. Robert Wood, University of Southampton <i>A. Amanov</i> A1 auditorium		
9.15-10.15	Lubrication and lubricants 3 <i>C. Bohnert</i> A1 auditorium	Surface engineering for tribology 2 <i>G. Schnell</i> A3 auditorium	Biotribology <i>D. Dini</i> A4 auditorium
9.15-9.35	78. The new film parameter Λ^* - a better estimate of the transition between mixed and full film lubrication, Larsson, Roland, Luleå University of Technology	128. Surface Engineering of Additively Manufactured Injection Moulds for Enhanced Tribological Performance, Vidales, Eduard, EURECAT	120. Tribomechanical Behaviour of Fullerene Coating on Screwed Dental Implants, Li, Jialin, Schmalkalden University of Applied Sciences,
9.35-9.55	17. Measurement of Adsorption/Friction Characteristics of nm-thick Additive Adsorption Films by Vertical-Objective Type Ellipsometric Microscopy (VEM), Fukuzawa, Kenji, Nagoya University	34. Wear of hard coatings: control the abrasion particles! Schulz, Wadim, Research Institute for Innovative Surfaces FINO	124. A biofidelic platform for the tribological evaluation of foodstuffs, Davison, Sam, University of Sheffield
9.55-10.15	10. Ultrasonic Measurement of Lubricant Film Thickness in Cylindrical-Raceways of Rolling Element Bearings, Davies, Jaden, University of Sheffield	30. Subscale development and tribological testing of laser-cladded brake discs, Tonolini, Pietro, Brembo N.V.	139. Transformative Bioactive Wear Resistant Ti3Au:N and Ti3Au:O Coatings for Medical Implants and Devices, Morrone, Davide, NANOVEA
10.15-10.40	Coffee break 10.15-10.40		
10.40-12.00	Industrial tribology 1 <i>A. Kailer</i> A1 auditorium	Sustainability and energy aspects of tribology 1 <i>C. Nutakor</i> A3 auditorium	Mechanisms of friction and wear 3 <i>S. Candeo</i> A4 auditorium
10.40-11.00	141. Transfer mechanisms of top-of-rail products at the wheel-rail interface, Bergseth, Ellen, KTH	43. Beyond PM10 emissions – ultrafine particles, secondary particle formation, VOCs, black carbon and toxicology scoring of brake emissions, Olofsson, Ulf, KTH	125. FEM and nano-indentation tests on DLC and BN thin films, Dorner-Reisel, Annett, University of Applied Sciences Schmalkalden
11.00-11.20	3. The Tribology of Polycrystalline Diamond in Rock Cutting Applications, Nilen, Roger, Element Six	44. On the limitations of TENG testing, Hilgert, Annika, University of Bayreuth	52. Are meltwater films responsible for low ski friction?, Larsson, Roland, Luleå University of Technology
11.20-11.40	26. Industrial thin film coatings for hydrogen applications, Tervakangas, Sanna, Oerlikon Balzers Coating Finland Oy	39. Mapping of the friction and particle emissions from a heavy-duty brake pad, Couval, Romain, KTH	67. Analytical study on frequency shift characteristics of QCM: A simple mechanical model for sphere-plane contact, Matsuoka, Hiroshige, Tottori University
11.40-12.00	84. New developments in Tribological Testing Methods for Lubricants and Currents Approaches with Electrified Tribometries, Kempe, Philippe, Rtec-Instruments	135. Evaluation of the Reliability and Energy Efficiency of Tribological Systems in Electric Vehicle Applications through a Mini Traction Machine, Sadab, Md Sadman, Tampere University	28. Contact Line Friction of Droplet on Hydrophobic Surface During Forced Wetting and Dewetting, Saito, Chinatsu, Tottori University
12.00-13.00	Lunch 12.00-13.00		
13.00-13.40	Plenary 3 Prof. Masanobu Kubota, Kyushu University <i>J. Juoksukangas</i> A1 auditorium		
13.45-15.05	Lubrication and lubricants 4 <i>Y. Sawae</i> A1 auditorium	Tribology of machine elements 1 <i>Z. Khan</i> A3 auditorium	Mechanisms of friction and wear 4 <i>P. Shipway</i> A4 auditorium
13.45-14.05	35. Effect of Water Dilution on the Tribological Performance of Glycerol-Lubricated Components in Hydropower Applications, Marklund, Pär, Luleå University of Technology	86. Fundamental study on seal performance improvement using surface energy difference (Theoretical analysis considering three-dimensional roughness), Ogasawara, Koichiro, Tottori University	20. Critical Wear Mechanisms of PVD-Coated Cemented Carbide Tools Sliding against Stainless Steels, Mikado, Hiroko, YKK Corporation
14.05-14.25	19. Bio-degradable lubricants – what if degradation starts too early..., Albrecht, Joachim, Aalen University	37. Simulation of rolling bearing contact considering raceway surface roughness under electrical current passage, Lander, André, RPTU Kaiserslautern-Landau, Chair of MEGT	25. Effect of nitrogen ion implantation parameters on the tribological behaviour and wear mechanisms of Inconel 718, Kamiński, Mariusz, Lublin University of Technology
14.25-14.45	12. Comprehensive Evaluation of Phosphorus- and Sulfur-Based Lubricant Additives Using Variable Concentration Friction Tests and Acoustic Emission Analysis, Morita, Miho, Tokyo University of Science	82. On the Repeatability and Operator Influence in SRV Seizure Testing, Söderfjäll, Markus, Luleå University of Technology	45. Towards a better understanding of source mechanisms of brake particle emissions using mass balance, Briatte, Mathis, LaMcube

14.45-15.05	129. Optimization of Process Parameters for Tribological Performance using Synergistic Effect of PAO-Based Nanolubricants incorporating chemically functionalized nanoadditives and ionic liquid, Gupta, Vikash Kumar, IIT (BHU) Varanasi, Uttar Pradesh, India	103. Analysis of selective laser sintered sliding bearings, Marinkovic, Aleksandar, University of Belgrade, Mechanical Engineering Faculty	50. Influence of Microstructure on the Cavitation Erosion Resistance of Nickel-Based Hardfacings, Szala, Mirosław, Lublin University of Technology Poland
15.05-15.30	Coffee break 15.05-15.30		
	Ocean Tribology <i>N. Espallargas</i> A1 auditorium	Computational tribology <i>R. Larsson</i> A3 auditorium	Mechanisms of friction and wear 5 <i>J. Albrecht</i> A4 auditorium
15.30-15.50	109. Characterisation of microbially influenced tribocorrosion, Ratia-Hanby, Vilma, VTT Technical Research Centre of Finland Ltd	23. Mechanochemical Degradation of Nanometer-Thick Liquid Lubricants between Solid Surfaces: A ReaxFF Molecular Dynamics Study, Zhang, Hedong, Nagoya University	59. A tribometer to measure representative friction in the context of the LEGO building system, Arinbjarnar, Úlfar, LEGO System A/S
15.50-16.10	127. Arc Sprayed Zn-Al Coatings for Marine Service: Tribocorrosion Under Elevated Contact Pressures, Concustell, Amadeu, EURECAT	54. Physics-Informed Digital Twin for Ultrasonic Nanocrystal Surface Modification (UNSM) Process: A Holistic Optimization of Fatigue, Tribology, and Energy Efficiency in Inconel 718, Cetintav, Isik, Trakya University	6. Efficient System-Level Thermal Modeling for Reliable Contact Temperatures in Tribology, Bohnert, Christof, RPTU University Kaiserslautern-Landau
16.10-16.30	74. Corrosion properties of Additive Manufactured AlSi10Mg on bare and treated surface, Koblar, Ana, Jožef Stefan International Postgraduate School	29. A Semi-Automated and Subject-Specific Elastohydrodynamic Simulation Framework for Lubrication Prediction of Total Knee Replacements, Feile, Klara, Friedrich-Alexander-Universität Erlangen-Nürnberg	122. Evaluation of micropitting calculation methods and their validity on large-size bevel gears, Virtanen, Erka, Tampere University
18.00-	Lake Pyhäjärvi Cruise or Finnish Sauna Evening 18.00- Details on the conference website		

Thursday 11 June 2026			
8.30-9.10	Plenary 4 Prof. Nuria Espallargas, NTNU K. Valtonen A1 auditorium		
9.15-10.15	Surface engineering for tribology 3 R. Wood A1 auditorium	Tribocorrosion V. Ratia-Hanby A3 auditorium	Wear resistant materials 1 K. Valtonen A4 auditorium
9.15-9.35	57. Effect of graphene reinforcement on the mechanical and tribological properties of nickel-based composite coatings, Cieślak, Grzegorz, Łukasiewicz Research Network — Warsaw Institute of Technology	55. Ball-on-disc tribocorrosion investigations of surface hardened titanium, Jellesen, Morten S, DTU - Denmark Technical University	51. Tribological Interest of Thermal Spray Coatings for Sustainable Development, TREVISIOL, Céline, CETIM
9.35-9.55	60. Micro-scale impact tests to develop multilayer coating systems with enhanced wear resistance under cyclic high-stress contact, Beake, Ben, Micro Materials Ltd.	41. Concerning in-situ application of Electrochemical Impedance Spectroscopy to impingement jet testing, Borchard, Benjamin, University of Strathclyde	21. Sliding Wear of WC–Co Cemented Carbide Against Four Stainless Steel Grades, Kanitani, Nozomu, YKK Corporation
9.55-10.15	130. Optimization of dimple dimensions and shapes for journal bearing by CFD simulation, Rahman, Md Mahabubur, Tampere University	138. Tribological Investigations under Varying Pressure Atmosphere, Zak, Felix, Optimol Instruments Prüftechnik GmbH	83. Cavitation Erosion Resistance of Specimens Fabricated from Recycled WC–Co Hardmetal Bits, Marjamaa, Vuokko, VTT Technical Research Center of Finland
10.15-10.40	Coffee break 10.15-10.40		
10.40-12.00	Surface engineering for tribology 4 R. Aghababaei A1 auditorium	Polymer tribology 2 V. Marjamaa A3 auditorium	Wear resistant materials 2 J. Tervo A4 auditorium
10.40-11.00	38. Self-lubricating performance of Ni-5Ag-10MoS2 laser deposited coating in high temperature forming of high-strength alloys, Podgornik, Bojan, Institute of Metals and Technology	42. Wood Composite Hydrogel with Dopamine-Modified Barium Titanate for Energy Harvesting, Xu, BIN, Northumbria University	14. Enhancement of Wear Resistance of PTFE Composites by Controlling the Morphology and Surface Chemical Property of Copper Filler, Saito, Hayate, Hitachi, Ltd.
11.00-11.20	81. Contact analysis-based evaluation of layered porous structures, Grutza, Olaf, RPTU University Kaiserslautern-Landau	36. Bio-Based Composite Materials for Tribological Applications, Kailer, Andreas, Fraunhofer Institute for Mechanics of Materials IWM	49. Tribology of ALTiN hard coatings deposited at different rotation modes, Drnovšek, Aljaž, Jozef Stefan Institute
11.20-11.40	85. Mechanical Characterization of Wood and Laminate Materials for Wear and Scratch Resistance, Kempe, Philippe, Rtec-Instruments	15. Correlating interfacial shear strength with tribologically-induced rubber damage and deformation, Hoeksma, Mechteld, University of Twente	65. Low angle impact erosion resistance of elastomers in different erosive conditions, Gürsoy, Özen, Metso Research Center
11.40-12.00	153. Nanocomposite Coatings under Reciprocating Wear: Experimental and Modelling Approach, Khan, Zulfiqar, New Uzbekistan University	116. Tribological performance of fibre-reinforced thermoset composites under water lubrication, Coga, Lucija, University of Ljubljana	89. Mimicking initial rake face wear of CVD (Al, Ti)N and Al2O3 coatings in turning using tribological sliding tests, Ekholm, Felix, Uppsala University
12.00-13.00	Lunch 12.00-13.00		
13.00-13.40	Plenary 5 Prof. Magd Abdel Wahab, Ghent University J. Juoksukangas A1 auditorium		
13.40	13.40 Group photo, Main auditorium foyer		
13.45-15.05	Fretting wear and fatigue 1 M.A. Wahab A1 auditorium	Industrial tribology 2 S. Khoshroo A3 auditorium	Sustainability and energy aspects of tribology 2 Y. Jiang A4 auditorium
13.45-14.05	53. Design of fretting wear tests in light of an understanding of fretting wear as a transport controlled process, Shipway, Philip, University of Nottingham	61. Thrust washer tribology, Bergseth, Ellen, KTH Royal Inst of Tech	72. Evaluating the Reproducibility of Triboelectric Outputs from Polymer Foils Under Lateral Sliding Motion, Mattauch, Philipp, Measurement and Control Systems, University of Bayreuth
14.05-14.25	140. Unveiling fretting-induced damage: The importance of systematic material characterization and analysis across practically relevant test rigs, Juoksukangas, Janne, Tampere University	62. Manufacture and property characterization of metal components by welding-based additive remanufacturing, Zhao, Hanhan, Aarhus University	24. Assessment of Road–Tire Particulate Matter Emissions on a British Pendulum Tester, Candeo, Stefano, KTH
14.25-14.45	73. Wear and fretting resistance of gas nitrided Ti6Al4V alloy in simulated body fluid, Lavrys, Serhii, Vytautas Magnus university	70. The influence of PM tool steel carbide size on abrasive wear resistance, Nilsson, Mikael, Uddeholms AB	40. Alternative stud materials for lowered wear particle emissions from studded tyres, Christou, Athanasia, KTH
14.45-15.05	157. Wear protection for aircraft Wing to Pylon engine attachment, Dupressoire, Charlotte, Airbus Operations SAS	71. Towards a Test Methodology for Dynamic Friction Coefficients - With Special Focus on Helmets During Impact, Arnald, Erik, Mips AB	46. Investigation of Wear in High-Voltage Circuit Breaker Electrical Contacts, Niggel, Vincent, Empa
15.05-17.00	Poster session and coffee 15.05-17.00 Main auditorium foyer		
19.00-	Conference Dinner 19.00- Puistotorni Ballroom, Address: Hämeenpuisto 28		

Friday 12 June 2026			
8.30-9.10	Plenary 6 Managing Director Ewald Badisch, AC ² T K. Valtonen A1 auditorium		
9.15-10.15	Tribology of machine elements 2 H. Ronkainen A1 auditorium	Fretting wear and fatigue 2 J. Juoksukangas A3 auditorium	Surface engineering for tribology 5 M. Zohrevand A4 auditorium
9.15-9.35	27. Screening of gear oil scuffing limits - Twin disc rig versus FZG gear test, Haumer, Florian, Montanuniversität Leoben	47. Fretting induced adhesion spot formation and subsequent crack growth within the first 100 load cycles in a common edge flat-on-flat steel contact without significant bulk load, Kovanen, Repekka, Tampere University	115. Effect of oxide sublayers on the tribological properties of PtSe2 coating in different environment conditions, Kozak, Andrii, Institute of Electrical Engineering SAS
9.35-9.55	92. A Framework for Efficiency Prediction in Helical Gears, Tervo, Jyrki, VTT	80. Comprehensive acoustic emission feature analysis within individual fretting loops in a flat-on-flat contact configuration, Khoshroo, Seyedmorteza, Tampere University	132. Synergistic Effects of Surface and Heat Treatment on the Mechanical and Tribological Behavior of WAAM Multimaterial Stainless Steel, Amanov, Auezhan, Tampere University
9.55-10.15	93. Damage Mechanisms in Touch down Bearings Triggered by Active Magnetic Bearing-Supported Rotor Drop Events, Nutakor, Charles, LUT University	56. Effect of hydrogen gas environment on the fretting fatigue behavior of quenched-and-tempered steel, Zabihi, Amirhossein, Tampere University	
10.15-10.40	Coffee break 10.15-10.40		
10.40-12.00	Mechanisms of friction and wear 6 A. Zabihi A1 auditorium	Wear resistant materials 3 R. Kovanen A4 auditorium	Surface engineering for tribology 6 A. Amanov A3 auditorium
10.40-11.00	94. Tribo mechanical behaviour of steel and hybrid bearing contacts under traction loading relevant to electric vehicle applications, Nutakor, Charles, LUT University	102. Influence of martensitic and bainitic microstructures on the abrasive wear resistance of high-strength steels, Zemlik, Martyna, Vytautas Magnus University and Wroclaw University of Science and Technology	112. Tribological performance of DLC coatings in different atmospheres, Jiang, Yu, VTT Technical Research Centre of Finland Ltd
11.00-11.20	11. Implementation of tribometer's inertia for reliable testing of novel industrial materials manufactured by commercial and recycled critical raw material, Kariminejad, Arash, Tallinn University of Technology	69. Quenching and Partitioning: Enhancing the cavitation erosion resistance of AISI 420 steels with novel heat treatments, Raami, Lassi, Tampere University	99. Influence of ultrasonic nanocrystal surface modification on tribological properties of iron component produced by powder metallurgy, Zohrevand, Milad, Tampere University
11.25-11.45	Closing remarks, Auezhan Amanov, Janne Juoksukangas & Kati Valtonen Auditorium A1		
11.45-13.00	Lunch 11.45-13.00		
14.00-15.00	Laboratory tour in Hervanta campus 14.00-15.00		