



Time	Topic	Details	Room
11H00 – 13H00	Check-in and Lunch	Check-in, Industry exhibition, Posters exhibition and Lunch	Honor Hall
13H00 – 13H15	Conference opening	Opening address by Professor Fabien Salaun GEMTEX Director and Professor Vladan Koncar Conference Chair	Honor Amphitheatre
13H15 – 14H35	Session 1, MF – Manufacturing (Chair Paula Veske- Lepp) 	<p>Invited conference: Automated LED Application on Conductive Textiles, Alexander Haag, Forster Rohner Textile Innovations, Germany (S11)</p> <p>Overcoming Manufacturing Challenges in Smart Insole Development (S12) Michael John Lynch¹, Kate Lynch², Steve Beeby¹ ¹University of Southampton, United Kingdom; ²Warrington and Halton Teaching Hospitals NHS Foundation Trust, United Kingdom;</p> <p>Assembly Method of Components for the Textile Electronics Realized by Printing (S13) Martin Janda, Silvan Pretl, Jan Reboun University of West Bohemia, Czech Republic;</p> <p>Sprayed graphene for wearable textile-based triboelectric nanogenerators and biomechanical sensors (S14) Hongyang Yu Xiao^{1,2}, Benji Fenech-Salerno³, Antonio Alessio Leonardi^{1,2,4}, Federico La Barbera^{1,2}, Felice Torrisi^{1,2,3} ¹Dipartimento di Fisica e Astronomia, Università degli Studi di Catania, Italy.; ²CNR-IMM, Università di Catania, Catania, Italy; ³Department of Chemistry, Molecular Sciences Research Hub & Centre for Processable Electronics, Imperial College London, United Kingdom; ⁴Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina, Messina, Italy;</p> <p>Flexible Printed Piezoresistive Strain Sensors for Parachute Canopy Measurement - Design, characterisation and durability assessment (S15) Thibault Dormois, Cédric Cochrane, Vladan Koncar Univ. Lille, ENSAIT ULR 2461-GEMTEX–Génie et Matériaux Textiles, F-59000 Lille, France.</p>	Honor Amphitheatre
14H40 – 15H20	Industry pitch 1 (Chair Cedric Cochrane)	Meet the exhibitors AQ TECH (D01) , Danish Technological Institute (D02) , GEMTEX (D03) , IMEC (D04) , IPC -Global Electronics Association (D05) , JUNIA (D06)	Honor Amphitheatre
15H20 – 16H00	Coffee break		Honor Hall
16H00 – 16H30	Academic Keynote (Chair Vladan Koncar)	Smart Textiles for Personalized Health Care, Dr Jun Chen, UCLA, USA – On Line (K01)	Honor Amphitheatre
16H30 – 17H50	Session 2, SC – Sustainability & Circularity (Chair Russel Torah)	<p>Invited conference: The Future of E-Textiles Waste, Jessica Saunders, London College of Fashion, UK (S21)</p> <p>Triboelectric nanogenerator based on woven graphene textile electrode and beeswax triboelectric layer (S22) Latifah Salem Alrabie, Evgeniya Kovalska, Ana I.S. Neves, Saverio Russo, Monica F. Craciun University of Exeter, United Kingdom;</p>	Honor Amphitheatre

		<p>Development of carbon-based screen-printed designs for electrically heating textiles (S23) Liza Helen Kuttappassery, Janne Halme Aalto University, Finland;</p> <p>Textile Organic Electrochemical Transistors: Advancing Biosensing with E-Textiles (S24) Rike Brendgen¹, Laurence Jorissen², Arij Diraoui³, Anne Schwarz-Pfeiffer¹ ¹Hochschule Niederrhein, Faculty of Textile and Clothing Engineering, Mönchengladbach, Germany; ²University Hasselt, Faculty of Engineering Technology, Diepenbeek, Belgium; ³University of Monastir, Textile Engineering Department, Monastir, Tunisia;</p> <p>Sustainable adhesive textile patch for high-density electromyography, temperature and motion measurement (S25) Marta Midão¹, Kevin Rodrigues¹, José Gonçalves¹, Sílvia Rodrigues², Francisca Marques³, Pedro Magalhães³, Marcos Liberal⁴, Maria Lua Nunes⁴, Sofia Rodrigues⁵, Anabela Santos⁵, Rafael Aguiar⁶, Miguel Correia⁶, Aritz Retolaza⁷, Patrícia Sousa⁷ ¹CeNTI, Portugal; ²PLUX, Portugal; ³TINTEX, Portugal; ⁴Fraunhofer, Portugal; ⁵CITEVE, Portugal; ⁶INESCTEC, Portugal; ⁷INL, Portugal.</p>	
17H50 – 18H30	Get together party	Networking Event, Industry Exhibition, Poster Exhibition	Honor Hall

Time	Topic	Details	Room
8H00 – 9H00	Check-in	Check-in, Industry exhibition, Posters exhibition	Honor Hall
9H00 – 9H30	Industry Keynote (Chair Steve Beeby)	What I've Learned from 10 Years in E-Textiles, Madison Maxey, Loomia, USA – On Line (K02)	Honor Amphitheatre
9H30 – 11H20	Session 3, MED – Medical and Healthcare (Chair Xuyuan Tao) 	<p>Invited conference: How Dry Stimulation Electrodes Embedded in Textiles Could Revolutionize Neuromodulation, Prof. Milos R. Popovic, KITE, University of Toronto, Canada (S31)</p> <p>Design and Development of Smart Textile Loneliness Monitoring Systems for Older People (S32) Yi Zhou¹, Jessica Rees², Ashay Patel³, Faith Matcham⁴, Michela Antonelli³, Anthea Tinker², Sebastien Ourselin³, Wei Liu¹ ¹Department of Engineering, King's College London, London WC2R 2LS, United Kingdom; ²School of Biomedical Engineering and Imaging Sciences, King's College London, United Kingdom; ³Department of Global Health and Social Medicine, King's College London, ²LS, United Kingdom; ⁴School of Psychology, University of Sussex, Brighton, United Kingdom;</p> <p>Designing a Circular-Knitted Wearable for Children with Dysfunctional Breathing Using Respiratory Inductive Plethysmography (S33) Sarah Pichon¹, Hellen van Rees^{1,2}, Ben Bultink³, Melissa van Schaik¹, Jan-Carlos Kuhlmann¹ ¹Sustainable and Functional Textiles, Saxion University of Applied Sciences, Enschede, The Netherlands; ²Interaction Design, University of Twente, Enschede, The Netherlands; ³Breathpal, Enschede, The Netherlands;</p> <p>Towards Modular Smart Garments with Soft Electrodes for Seizure Monitoring (S34) Komal Komal^{1,2}, Ram Prasad Narayanan², Frances Cleary², John Wells¹, Louise Bennett¹ ¹School of Health Sciences, Southeast Technological University, Waterford, Ireland; ²Walton Institute, Southeast Technological University, Cork Road, Waterford, Ireland;</p> <p>Textile-Integrated Silicone-Based Helical Auxetic Capacitive Strain Sensor for Knee Motion Monitoring (S35) Pierre Kateb, Carlo Menon, ETH Zurich, Switzerland;</p> <p>In-bed unobtrusive heart rate estimation using ballistocardiography and sensor fusion algorithm (S36) Carlotta Marinai¹, Eleonora Melissa², Lucia Arcarisi¹, Francesco Bossi¹, Pasquale Bufano², Francesco Di Rienzo¹, Gianluca Rho¹, Michele Zanoletti², Alberto Greco¹, Carlo Vallati¹, Nicola Carbonaro¹, Marco Laurino², Alessandro Tognetti¹ ¹Department of Information Engineering, University of Pisa, Pisa, Italy; ²Institute of Clinical Physiology, National Research Council, Pisa, Italy;</p> <p>Feasibility of ECG signal acquisition in a strong magnetic field using textile dry electrodes (S37) Mina Laghaei¹, Cédric Cochrane¹, Xuyuan Tao¹, Freddy Odille², Vladan Koncar¹ ¹University of Lille, ENSAIT, ULR 2461, France; ²IADI (U1254), Université de Lorraine and Inserm, France.</p>	Honor Amphitheatre
11H20 – 11H40	Coffee break	Industry exhibition, Posters exhibition	Honor Hall
11H40 – 12H30	Industry pitch 2 (Chair Zachary J. Davis)	Meet the exhibitors Technische Universität Dresden (D08), SATAB (D09), SCREENTEC (D10), SuZhou TEK Silver Fiber Technology Co., Ltd (D11), TECHTERA (D12) University of Southampton C-FLEET (D13), Université de Bohême occidentale / RICE (D14), VOLTERA (D15), TTRI (D16)	Honor Amphitheatre
12h30 – 14H00	Lunch break and group photography	Buffet, Posters and Industry exhibitions	Honor Hall

14H00 – 15H35	Session 4, RT – Reliability and Testing (Chair Radek Soukup) 	Invited conference: Smart Textiles in Defence: Opportunities and challenges, Evy Reiske, WiWeb, Germany (S41) Influence of washing cycles on the electrical conductivity of screen printed circuits (S42) Pauline Stockmann ^{1,2} , Katarzyna Wójkowska ³ , Bartosz Zdanikowski ² , Jerzy Szalapak ³ , Sigrid Rotzler ¹ , Elisabeth Eppinger ² ¹ Fraunhofer IZM, Germany; ² Warsaw University of Technology, Poland; ³ University of Applied Sciences for Engineering and Economics Berlin, Germany; Design and realisation of an electronic system capable of analyzing the mechanical impact of the washing process on e-textiles (S43) Thomas Van Acker, Frederick Bossuyt, Pieter Bauwens Ghent University, Belgium; Mechanical Reliability of Multifunctional E-Yarns under Bending and Torsional Fatigue (S44) Tharushi Peiris ¹ , Lukas Werft ² , Sigrid Rotzler ² , Arash Shahidi ¹ , Kalana Marasinghe ¹ , Carlos Oliveira ¹ , Tilak Dias ¹ , Theodore Hughes Riley ¹ ¹ Nottingham Trent University, Nottingham, United Kingdom; ² Fraunhofer Institute for Reliability and Microintegration IZM, Berlin, Germany; Reliability of textile integrated circuits: Strategies towards an increased robustness (S45) Sigrid Rotzler ^{1,2} , Christine Kallmayer ² , Malte von Krshiwoblozki ² ¹ Technical University Berlin, Germany; ² Fraunhofer IZM, Germany; Performance Evaluation of a Multi-Site E-Textile Temperature Monitoring System for Navigating Exercise (S46) Md. Saiful Hoque ^{1,3} , Baptiste Garnier ² , Mathys Mulet Hauriez ¹ , Antonio Bandur ¹ , Cédric Cochrane ² , Vladan Koncar ² , Azadeh Yadollahi ^{1,3} ¹ Institute of Biomedical Engineering, University of Toronto, Canada; ² ENSAIT, ULR 2461 - GEMTEX - Génie et Matériaux Textiles, University of Lille, France; ³ KITE-Toronto Rehabilitation Institute, University Health Network, Toronto, Canada; saiful.hoque@utoronto.ca;	Honor Amphitheatre
15H35 – 16H10	Coffee break	Industry exhibition, Posters exhibition	Honor Hall
16H10 – 16H50	Poster pitches 1 (Theo Hughes-Riley)	Concentric textile sensor for evaluating skin hydration (P01) Jan Balaban, Tomas Blecha, Kristina Janouskova Faculty of Electrical Engineering University of West Bohemia, Czech Republic; Developing high-performance, eco-friendly E-textiles using carbon-based and bio-coating techniques (P02) Babak Abdi, Ali Tehrani, Aalto University, Finland; Resistance Welding of E-textile Harnesses (P03) Jan Reboun ¹ , David Kalas ¹ , Radek Soukup ¹ , Daniela Moravcova ¹ , Verena Marterer ² ¹ University of West Bohemia, Pilsen, Czech Republic; ² Ostbayerische Technische Hochschule Regensburg, Regensburg, Germany; Design and Test of Three E-Textile Connectors (P04) Meijing Liu ¹ , Hongrui Zhang ¹ , John Tudor ² , Kai Yang ¹ ¹ Winchester School of Art, University of Southampton, United Kingdom; ² Electronics and Computer Science, University of Southampton, United Kingdom; Alternative Encapsulation Materials and Methods for E-Textiles (P05) Theresa Junge, Rike Brendgen, Joel Schüßler, Anne Schwarz-Pfeiffer Hochschule Niederrhein, Germany; Design and development of a Smart Textile System for Medical Rehabilitation Movement Assessment (P06) Robin Oberlé, Zhen Xiang, Waldemar Lang, Thomas Gries RWTH Aachen University, Germany; Durability measurements as a screening process for E-textile materials and processes (P07) Torsten Lund-Olesen, Nina Ritter Nielsen, Zachary James Davis Danish Technological Institute, Denmark; Washability of Printed Stretchable Interconnections for E-textiles Applications (P08) Jakub Škapa, Jan Reboun, Martin Janda University of West Bohemia in Pilsen, Czech Republic; Analyses of Conductive Yarns Properties for the Use in Simulation (P09) Kirsten Weide-Zaage, Frederik Poepsel, Marc Wurz Leibniz University Hannover, Germany; Characterising Data Transmission Performance of Textile Interposer (P10) Farhan Farooq ¹ , Georgios Kokkinis ¹ , Herbert Hackl ¹ , Christoph Brillinger ¹ , Pascal Stark ² , Rudolf Heer ¹	Honor Hall



		<p>¹Silicon Austria Labs, Graz, Austria; ²FRTI Inter-Spitzen AG, St, Gallen, Switzerland; Influence of Noise Sensor Integration into Textile on its Parameters (P11) Tomas Blecha, Karel Sima, Jiri Cengery, Ladislav Zuzjak, Oldrich Turecek University of West Bohemia, Czech Republic;</p> <p>Textile-based electrodes integration through lamination and ultrasonic welding for electrical bioimpedance measurements (P12) Paula Veske-Lepp¹, Margus Metshein², Jane Kivistik¹, Babak Abdi, Raul Land², Paul Annus² ¹Institute of Technology and Circular Economy, TTK University of Applied Sciences, Tallinn, Estonia; ²Thomas Johann Seebeck Department of Electronics, Tallinn University of Technology, Tallinn, Estonia;</p> <p>Textile Analog Filter for Pre-filtering ECG Data (P13) Baptiste Garnier¹, Milad Lankarany^{2,3,4,5}, Delaram Sadatamin^{2,5}, Claire Eliot¹, Azadeh Yadollahi^{2,5}, Vladan Koncar¹, Milos Popovic^{2,5} ¹Univ. Lille, ENSAIT, ULR 2461 - GEMTEX - Génie et Matériaux Textiles, F-59000 Lille, France; ²KITE – Toronto Rehabilitation Institute, University Health Network, Toronto, Canada; ³Kemrill Brain Institute, University Health Network, Toronto, Canada; ⁴Department of Physiology, University of Toronto, Toronto, Canada; ⁵Institute of Biomedical Engineering, University of Toronto, Toronto, Canada;</p> <p>Multilayer-Encapsulated Flexible Supercapacitor for Textile-Based Energy Storage (P14) Shuran Yang, Sheng Yong, Jidong Liu, Stephen Beeby University of Southampton, United Kingdom;</p> <p>Development of Integrated Smart Garments for Personalized Home Rehabilitation of Neurological Pediatric Patients (P15) Jun Yin, Stijn Van Vrekhem, Pegah Zahedifar, Olivier Jolois, Myriam Vanneste Sustainable Technical Textiles & Composites & Coating & Finishing Technologies, CENTEXBEL, Belgium;</p> <p>Sensory textile structures: material optimization for piezoresistive pressure measurement (P16) Lena Pfeiffer¹, Sarah Kim¹, Paul Hofmann^{1,2}, Valérie Bartsch¹, Patrick Kaiser¹ ¹German Institutes of Textile and Fiber Research Denkendorf, Germany; ²Sefar AG, Switzerland;</p>	
16H50 – 17H30	Pannel discussion 1, E-textiles potential for medical applications	<p>Moderator: Milos Popovic, KITE  UHN Canada's Hospital</p> <p>Participants: F. Bossuyt, M. Paakkolanvaara, Yu Che Yang, Zachary J. Davis, K. Yang</p>	Honor Amphitheatre
19H30 – 22H30	Gala diner	<p>HÔTEL**** RESTAURANT</p> <p>Couvent des Minimes</p> <p>ALLIANCE LILLE</p> <div></div>	Hôtel Couvent des Minimes - Alliance Lille, 17 Quai du Wault, 59800 Lille




Friday, November 14, 2025

E-Textiles 2025, the 7th International
Conference on the Challenges, Opportunities, Innovations and Applications in Electronic Textiles

Time	Topic	Details	Room
8H00 – 9H00	Check-in	Check-in, Industry exhibition, Posters exhibition	Honor Hall
9H00 – 9H50	Poster pitches 2 (Chair Sigrid Rotzler)	<p>Development and implementation of an interactive, stretchable light control system using liquid metal ink on textiles (P18) Lukas Werft¹, Christian Dils¹, Ibrahim Biyikal^{1,2}, Robin Hoske³, Felix Rasehorn³, Malte von Krshiwoblozki¹, Martin Schneider-Ramelow^{1,2} ¹Fraunhofer Institute for Reliability and Microintegration IZM, Germany; ²Technical University Berlin, Berlin, Germany; ³Wint Design Lab, Berlin, Germany;</p> <p>Novel Flexible Detachable Textile-Integrated able Device with Dual-Functionality as Capacitive Mechanical Sensor and Triboelectric Nanogenerator P(19) Yana Xiao^{1,2}, Carlo Menon¹ ¹ETH zurich, Switzerland; ²Hong Kong Polytechnic University, Hong Kong;</p> <p>Chemically Deposited Copper Oxide Coating for an Improved Nonenzymatic Yarn Glucose Sensor (P20) Sheng Yong¹, Shunqing Yang¹, Jidong Liu¹, Hassan Hamidi², Daniela Iacopino², Stephen Beeby¹ ¹University Of Southampton, United Kingdom; ²University College Cork, Ireland;</p> <p>Self-Assembled Carbon Nanotubes Ink for Hydrophobic Conductive Textiles with High Durability (P21) Xinlong Sun¹, Stephen Beeby² ¹School of Electronics and Computer Science, University of Southampton, United Kingdom; ²School of Electronics and Computer Science, University of Southampton, United Kingdom;</p> <p>Design and development of an e-textile for functional electrical stimulation to improve shoulder function in People with Stroke (P22) Gillian Ayn Lake-Thompson¹, Udara Pulajith¹, Hongrui Zhang¹, Alex Pearce², Namasivayam Gnanamoorthy², Praveen Kumar², Kai Yang¹ ¹Winchester School of Art, University of Southampton, Winchester, UK; ²University of the West of England, Bristol, UK;</p> <p>A Flexible Wireless Charging System for Wearable Devices (P23) Irfan Ullah, Tom Greig, Mahdi Shaban, Steve Beeby University of Southampton, United Kingdom;</p> <p>Dispenser printed e-textile circuitry exploring printed Organic Electrochemical Transistors linear architectures (P24) Changxin Shen, Abiodun Komolafe, Sheng Yong, Stephen Beeby, Russel Torah University of Southampton, United Kingdom;</p> <p>Exploring Multi-Axial Weaving for Reliable Interconnects in E-Textiles (P25) Faisal Ahmed^{1,2}, James Reynolds³, Cassandra H. Kwon², Amanda C. Mills¹ ¹Department of Textile Engineering, Chemistry, and Science, NC State University, Raleigh, NC, USA; ²Zeis Textiles Extension, NC State University, Raleigh, NC, USA; ³Department of Electrical and Computer Engineering, NC State University, Raleigh, NC, USA;</p> <p>Development of Bio-Based Gel Electrolytes for Textile Battery Applications (P26) Joel Schüssler, Sarah Wossack, Anne Schwarz-Pfeiffer Hochschule Niederrhein, Germany;</p> <p>Comparison of Inductive Loop Geometries for RIP (Respiratory Inductance Plethysmography) Bands (P27) Claire Eliot¹, Cedric Cochrane¹, Baptiste Garnier¹, Saiful Hoque², Vladan Koncar¹ ¹Univ. Lille, ENSAIT, ULR 2461 - GEMTEX - Génie et Matériaux Textiles, F-59000 Lille, France; ²KITE – Toronto Rehabilitation Institute, University Health Network, Toronto, Canada;</p> <p>Assessing Accuracy of different Textile-based sensors for in Respiration Monitoring (P28) Sania Aftab^{1,3}, Claire Eliot², Saiful Hoque^{1,3}, Delaram Sadatamin^{1,3}, Cédric Cochrane², Vladan Koncar², Azadeh Yadollahi^{1,3} ¹Institute of Biomedical Engineering, University of Toronto, Toronto, Canada; ²Univ. Lille, ENSAIT, ULR 2461 - GEMTEX - Génie et Matériaux Textiles, F-59000 Lille, France; ³KITE-Toronto Rehabilitation Institute, University Health Network, Toronto, Canada;</p> <p>Textile-based metamaterials for electromagnetic wave filtering and guiding (P30) Ali Ghaddar¹, Baptiste Garnier², Cédric Cochrane², François Rault², Vladan Koncar², Eric Lheurette¹, Ludovic Burgnies^{1,3} ¹Univ. Lille, CNRS, Univ Polytechnique Hauts-de-France, UMR 8520 - IEMN, F-59000 Lille, France; ²Univ.Lille, ENSAIT, GEMTEX–Laboratoire de Génie et Matériaux Textiles, F-59000 Lille, France; ³Université du Littoral Côte d'Opale, F-62100 Calais, France;</p> <p>Efficient Wireless Power Transfer using Stacked Textile-based Coils for wearable Electronics (P32) Farhan Farooq¹, Hari Thazhe Oyyoth¹, Gaffar Hossain², Khaled Ibrahim¹, Georgios Kokkinis¹, Rudolf Heer¹ ¹Electronic Sensors, Silicon Austria Labs, Graz, Austria; ²V-Trion GmbH, Lustenau, Austria;</p> <p>Full textile embroidered smart sock for in-shoe pressure monitoring (P33) Valeria Galli, Leonardo Kaliks Allegrini, Carlo Menon</p>	Honor Amphitheatre

		<p>ETH Zurich, Switzerland; Inkjet-Printed Resistive Stretch Sensors (Utilizing Auxetic Knit Fabrics) (P34) Emily Schmidt, Zoe Hezrony, Amanda Mills North Carolina State University, Raleigh, NC, USA; Stretchable Textile Dipole Antenna Belt for Non-Invasive Breathing Monitoring (P35) Muhammad Zada, Carlo Menon Biomedical and Mobile Health Technology Laboratory, Department of Health Science and Technology, ETH Zurich, Zurich, Switzerland; β-phase of PVDF-TrFE impregnated nonwoven as function of coating method and polymer viscosity (P36) Vanja Kokol University of Maribor, Faculty of Mechanical Engineering, Slovenia; E-Textiles Integrated Helmet for Strain-FieldSensing with Simulation Informed Requirements (P38) Rohit Raju Madk, Oihan Neguelouart, Nicolas Bailly, Frederic Turquier, Laboratoire de Biomécanique Appliquée (LBA), Aix Marseille Université, Bd Pierre Dramard, 13015, Marseille, France</p>	
9H50 – 10H30	Pannel discussion 2, Industry needs and standardization	<p>Moderator: Chris Jorgensen,  Global Electronics Association™</p> <p>Participants: V. Koncar, P. Veske, S. Rotzler, A. Quarrey, A. Haag</p>	Honor Amphitheatre
10H30 – 11H00	Coffee break	<p>Industry exhibition, Posters exhibition</p>	Honor Hall
11H00 – 12H50	<p>Session 5, R&T – Research and Technology (Chair Malte von Krshiwoblozki)</p> 	<p>Invited conference: Interactive fiber-based systems for human-machine interfaces and tactile internet, Prof. Chokri Cherif, Director ITM, TU Dresden, Germany (S51)</p> <p>Smart Sock: A Wearable E-Textile with Coiled Nylon Actuators for Dynamic Compression Therapy in Vascular Applications (S52) Sukhneet Dhillon, Ying Li, Rafaela Zamataro, Xiulun Yin, Jian Gao, John Madden University of British Columbia, Canada;</p> <p>Enhancing polypyrrole-based e-textiles via Bayesian optimization (S53) Matteo Iannacchero¹, Joakim Löfgren¹, Mithila Mohan¹, Patrick Rinke^{1,2}, Jaana Vapaavuori¹ ¹Aalto University, Finland; ²Technical University of Munich, Germany;</p> <p>Development of a Fiber-based Capacitive Collision Sensor for Robotic Applications (S54) Hung Le Xuan, Nadja Schenk, Chokri Cherif Dresden University of Technology, Germany;</p> <p>Single yarn based Organic Electrochemical Transistors via dispenser printing for future e-textile sensors and systems (S55) Changxin Shen, Abiodun Komolafe, Sheng Yong, Stephen Beeby, Russel Torah University of Southampton, United Kingdom;</p> <p>Advanced Electromyography Electrode Design Through Technical Yarn Embroidery (S56) Paolo Perego¹, Giulia Cappoli¹, Roberto Sironi¹, Emanuele Gruppioni², Angelo Davalli², Giuseppe Andreoni^{1,3}, Nicola Francesco Lopomo¹ ¹Design Department, Politecnico di Milano, Milan (MI), Italy; ²Centro Protesi INAIL, Vigorso di Budrio (BO), Italy; ³IRCCS E. Medea, Bosisio Parini (LC), Italy;</p> <p>Influence of Weave Structure on Pressure Sensing Performance (S57)</p>	Honor Amphitheatre

		Kaspar Jansen, Christiaan Hoogstraten, Holly McQuillan TU Delft, The Netherlands;	
12H50 – 14H10	Lunch break	Buffet, Posters and Industry exhibitions	Honor Hall
14H10 – 15H45	Session 6, APP – Applications (Chair Chris Jorgensen) 	Invited conference: Title, Amanda Mills, NC State, Raleigh, USA (S61) Wrist/Hand Position Identification using a Fully Knitted EMG Sleeve (S62) Kristel Fobelets ¹ , Aishwarya Anand ¹ , Kris Thielemans ² ¹ Imperial College London, United Kingdom; ² UCL, United Kingdom; Wearable Air Cooling System for Microclimate Regulation in Fire Protective Clothing (S63) Severin Bernhart ¹ , Thomas Grah ¹ , Jannic Wälde ² , Mathias Schmoigl-Tonis ¹ , Andreas Salihovic ³ , Otmar Schneider ⁴ , Thomas Finkenzeller ² ¹ Salzburg Research Forschungsgesellschaft mbH, Salzburg, Austria; ² Paris Lodron Universität Salzburg, Dep. of Sport and Exercise Science, Salzburg, Austria; ³ Paris Lodron Universität Salzburg, Dep. of Artificial Intelligence and Human Interfaces, Salzburg, Austria; ⁴ Texport Handelsgesellschaft mbH, Salzburg, Austria; Power Management Strategies for Wearable and Portable Devices with Solar Electronic Textile (S64) Parvin Ebrahimi ¹ , Arash Moghaddassian Shahidi ¹ , Demosthenes Koutsogeorgis ² , Carlos Ferreira De Oliveira ¹ , Russell Metcalfe ² , Jake Kaner ¹ , Tilak Dias ¹ , Theodore Hughes-Riley ¹ ¹ Nottingham School of Art & Design, Nottingham Trent University Nottingham, United Kingdom; ² School of Science & Technology Nottingham Trent University Nottingham, United Kingdom; Development of braided e-textile structures for intelligent cabling monitoring (S65) Kevin Rodrigues, Marco Silva, Miguel Rocha, José Gonçalves CeNTI – Centre for Nanotechnology and Advanced Materials, Portugal; Fully Textile Pixelated Thermochromic Display (S66) Alexander V. Shokurov, Marlon Meier, Carlo Menon ETH Zurich, Switzerland.	Honor Amphitheatre
15H45 – 16H10	Coffee break	Industry exhibition, Posters exhibition	Honor Hall
16H10 – 16H40	Conference closing Award ceremony Best student's poster and best presentation Next year conference	V. Koncar, C. Cochrane, X. Tao Textiles 2025 conference Chairmen and R. Soukup (Announcement of the E-Textiles 2026 conference)	Honor Amphitheatre